

FOCUS ON **ZIC** | ENG

ZIC

FOCUS ON
ZIC
BRAND BOOK



FOCUS ON
ZIC

From summer heat waves to harsh winters,
from high-speed drives to long drives,

No matter how extreme the conditions,
with ZIC, you can experience outstanding
driving performance.





STRONG

Making the transition from
an engine oil brand to a fluid solution brand,
ZIC opens up new possibilities for
an innovative and sustainable future.



An aerial photograph of a multi-lane highway with several cars and trucks. The highway is flanked by dense green forests and a river. The word "SUSTAINABLE" is overlaid in large white letters across the center of the highway.

SUSTAINABLE

FLUID ENGINEERING TECHNOLOGY

SK enmove is at the center of latest developments
in not only fuel efficiency but also energy efficiency.

As a fluid solution provider that constantly works toward a better future,
SK enmove ZIC is one step ahead for the next big jump.

02 **INTRO**

Envisioning the future,
SK enmove

04 **FOCUS ON BRAND**

Creating New Flow
Quality and Performance
Premium lubricating oil for all engines
Global engine oil brand, ZIC

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Definition of our 'New Flow'
Families of ZIC
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70 **ZIC BRAND DESIGN GUIDELINES**

Basic System
Application System

Beyond Innovation

Global Market Leader SK enmove

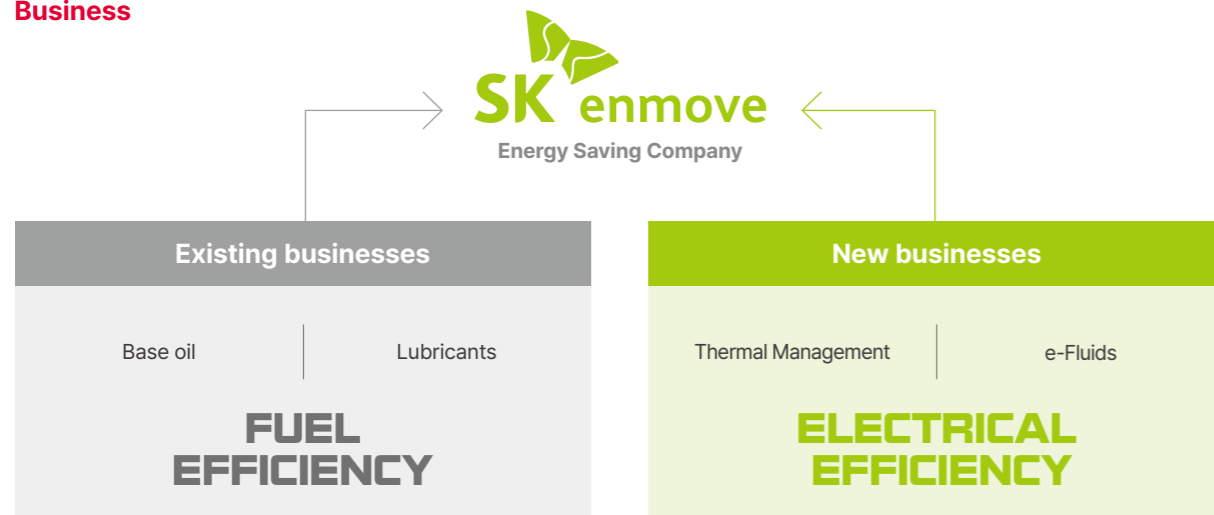
SK enmove, for the first time in the world, commercialized Group III base oil manufacturing process in 1995. Since then, it has maintained the world's No. 1 position in the premium base oil market. Also, by launching the representative lubricants business brand "ZIC" in 1995, it has achieved the title of No. 1 premium lubricants brand in South Korea, and is now expanding its sales overseas.

SK enmove's innovation is now expanding to the 'Energy Efficiency improvement' area, by initiating early developments of EV fluids, supplying them to global EV manufacturers, and even reaching to the thermal management sector with oil immersion cooling for data centers.

SK enmove will continue to excel as a global market leader in base oil and lubricants industries and continuously offer its customers improved automobile fuel efficiency through incessant innovation.

Company Inside	Highlights throughout the company's history	Corporate office
	Dec. 1968 Lubricants blending plant commenced operations.	SK Building, 26 Jongno, Jongno-gu, Seoul, Korea
	Oct. 1995 Launched ZIC. Completed Ulsan No.1 LBO and launched YUBASE.	
	Sept. 2004 Completed Ulsan No.2 LBO.	
	April. 2008 Started commercial production at Dumai LBO in Indonesia and launched YUBASE Plus.	
	Oct. 2009 Established 'SK Lubricants'	
	May. 2012 Completed the lubricants blending plant in Tianjin, China.	
	Oct. 2022 Equity investment was made for GRC, a U.S. specialist in oil immersion cooling for data centers.	
	Dec. Changed the company name to SK enmove.	

Business



MISSION

Green Solution Company
offering Energy Saving Value

VISION

Beyond base oil/lubricants sector into businesses
for energy efficiency improvement to ensure sustainability
and enhance corporate value

SLOGAN

We Save Energy and Move Forward

FOCUS ON BRAND

ZIC has led and changed the lubricants industry by pursuing innovations to offer the best quality products, as well as striving to move towards a sustainable future.

- 06 Creating New Flow
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Introducing

THE NEW ZIC



NEW BRAND ROLE

FLUID SOLUTION

In response to the standards of the new era, the brand offers solutions that flexibly meet customer needs, creating a sustainable flow for the future.

NEW BRAND SLOGAN

CREATING NEW FLOW

ZIC's DNA, a constant innovation, expressing our vision to create a new era of lubricants and fluid engineering.

**No. 1 premium engine oil brand in Korea,
ZIC is now reborn as a fluid solution brand.**

From the experience of commercializing Group III base oil for the first time and maintaining its position as the No. 1 premium engine oil company, ZIC is Korea's first-ever brand launched in the lubricants market.

Leading trends in the premium lubricants market and making endless efforts in fluid engineering have allowed us to go beyond fuel efficiency and reach energy efficiency. ZIC is now starting a new chapter as a fluid solution brand.

NEW IDENTITY & GRID SYSTEM

Z DIAGONAL LINE

The curved lines that form a part of the wordmark represent organic energy and an attempt to generate a virtuous cycle, as well as the ultimate goal. The straight lines that stretch out from side to side signify ZIC's commitment to providing and leading to new solutions.



HISTORY OF ZIC

1963

SK Co. Ltd. started the lubricants business

From pioneering Korea's first premium fully synthetic engine oils to developing ultra-low viscosity engine oils to meet the demands of the new era, ZIC has made its mark by evolving and leading the new wave of mobility since its establishment through constant R&D and technological innovation.

Just as captured by the company's slogan, 'Creating New Flow', ZIC is striving towards a more sustainable future.

2003

Established SK enmove China

2008

Launched low-viscosity ZIC 0W

1995

Launched ZIC

2001

Launched 100% synthetic engine oil

1968

Produced Korea's first premium lubricants

1985

Established Korea's first R&D center focused on lubricants

2012

Started operations of HBO plant
Started operations of the Tianjin plant for lubricants

2013

Established SK enmove Russia

2015

Marked the 20th anniversary of ZIC,
New ZIC 2.0

2018

Signed a sponsorship agreement with FC Barcelona

2019

Launched ZIC ZERO

Established ZIC's brand identity,
New ZIC 3.0

2023

KEY POINT 01. QUALITY

Premium base oil

: the key to high-quality engine oil

The latest engine oils blend base oil and carefully selected additives at a ratio of 7 to 3. As such, the quality of the key ingredient, the base oil, is of utmost importance.

One of the biggest strengths of ZIC is its use of YUBASE, which accounts for a 40% market share in the global market for premium base oil (Group III, Group III+), and YUBASE+.

YUBASE provides a greater viscosity index than general base oil (Group I, Group II, Group II+) and is also considered to be more environmentally friendly as impurities are more effectively removed.

YUBASE / YUBASE+

Base Oil Categories

**GROUP
III / III+***

Sulfur content of 0.03% or less

0.03%

Hydrocarbon content of 90% or higher

90%

Viscosity Index of 120/130 or higher

120 / 130

*Following the classification by API, mineral-based engine oil extracted from petroleum is categorized as GROUP I to III. The higher the number in the grade, the fewer impurities, the higher the hydrocarbon content, and the greater the viscosity index, resulting in more stable lubricants.

KEY POINT 02. PERFORMANCE

Maximized Engine Performance

: outstanding in all circumstances

What's special about ZIC's solution is that it maintains the advantage of minimizing viscosity changes while maximizing the advantages of low-viscosity engine oil, which helps engines start even at low temperatures and improves fuel efficiency.

ZIC's engine oil is formulated with VHVI Tech, a proprietary technology from SK enmove. This pioneering engineering technology reduces internal friction during engine operation and controls sensitivity to external temperature changes, maximizing both engine efficiency and stability.



VHVI TECH

VHVI (Very High Viscosity Index) Tech refers to technology that uses YUBASE that is known for ultra-high viscosity index. This helps with easy initiation at low temperatures, greater stability in the oil against oxidation, and better protection thanks to a strong oil film.

LOW VISCOSITY

Advanced fuel efficiency and fluidity

Maintained consistent viscosity

HIGH VISCOSITY INDEX

NO IMPURITIES

Sustained performance and durability

*Viscosity refers to the internal resistance of the lubricants against the flow of the lubricants caused by external force.

*The viscosity index indicates the changes in viscosity in accordance with changes in temperature.

A higher index is associated with less change and better functions as a lubricants.

KEY POINT 03. USABILITY

An optimal fluid solution : with wide-ranging applications

Lubricants are developed using carefully selected additives to suit specific environments and requirements. ZIC's lubricants represent an optimal fluid solution that effectively delivers various functions required for lubrication, including friction reduction, wear prevention, weight distribution, cooling, cleaning, and sealing, through optimal design.

ZIC develops tailored solutions that comprehensively consider factors such as the pressure and temperature exerted on the machinery, as well as the environment in which the oil is applied. ZIC's product range extends not only to conventional automobile engine oils but also to gear oils for electric vehicles, industrial applications, and the renewable energy sector.



KEY POINT 04. SUSTAINABILITY

High-Efficiency Engine Oil

: for modern demands

Reduction in carbon emissions is a global initiative. To achieve this goal, it is essential to use ultra-low viscosity engine oil, which reduces fuel consumption and exhaust emissions.

There is a general misconception in the market that lower viscosity leads to increased engine wear and tear. However, ZIC has overcome this challenge with its technological expertise, providing low-viscosity engine oils that excel in protecting the engine.

ZIC's engine oil aims to demonstrate the feasibility of low-carbon, high performance, and outstanding fuel efficiency through continuous R&D on highly refined base oils and friction-reducing technologies.

ZIC's engine oils have already met the strict standards of ACEA of Europe, and API and ILSAC of the USA. They are also compliant with the quality specifications of reputable global automakers of Europe, the USA and Korea, presenting a new way forward for engine oils.



ZIC TOP

ZIC X9

API SP | **ILSAC GF-6**
ACEA C7, C6/C5, C2/C3

Compliant with the latest specifications of global automakers

Mercedes Benz

Volkswagen

BMW

Porsche

GM

ZIC IN NUMBERS

Since its start as Korea's first lubricants brand in 1995, ZIC has been making dedicated efforts on R&D and quality improvement to meet the strict standards of global automakers.

Moving beyond its status as a premium engine oil manufacturer, ZIC is now looking to become a global top-tier brand in mobility technology solutions sector to help improve our daily lives.

1

Korea Industrial Brand Power (K-BPI)

Ranked 1st for 26 consecutive years in the category of engine oil

*As of 2024

500

Tailored to the auto-type and features

Over 500 combinations of solution

60

Exported to over 60 countries,
Including Europe, Southeast Asia, China and the Middle East

18

18 production hubs*,
Including in Korea, China, USA and EU

*Based on the number of SK enmove's tank terminals for engine oils and lubricants

ZIC GLOBAL NETWORK

ZIC has global network across over 60 countries, offering more customers the opportunity to experience high-efficiency premium lubricants. This global network serves as a basis for better understanding the distinct needs of customers to offer more tailored solutions.

ZIC Global Capacity

ZIC has its own blending plants in Korea and Tianjin, China, with a daily maximum production capacity of 1,217,940 liters, in addition to partner production plants worldwide with a capacity of 318,000 liters.

ZIC, one of the most renowned engine oil brands in Korea, is taking a step further by expanding its global presence and emerging as an industry leader.

Ulsan, Korea | Established in 1968

820,440 L/Day

205,110,000 L/Year

Tianjin, China | Established in 2012

397,500 L/Day

99,375,000 L/Year

Total

1,217,940 L/Day

Maximum daily production capacity × operating days



FOCUS ON PRODUCT

A closer look at ZIC's fluid solutions

From improving fuel efficiency to increasing engine performance and strengthening the durability of oil, ZIC provides the best fluid solution through an optimal formula using premium base oil YUBASE and carefully selected additives.

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OUR KEY FEATURES

Fluid Solution Brand : leading the new era

ZIC offers tailored solutions to customers, whenever and wherever, to address all issues related to the operation of their vehicles. In doing so, ZIC sets new standards for premium engine oils.

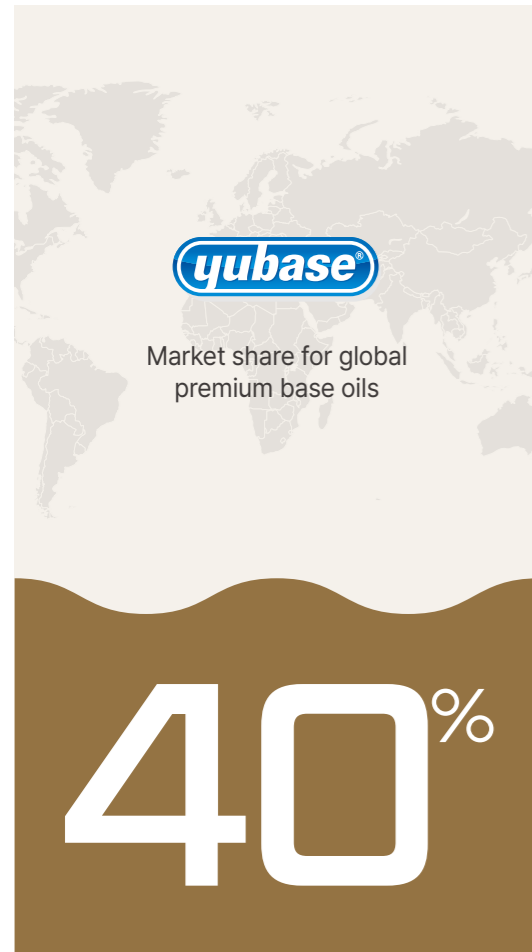
Premium engine oils, different from the base

ZIC HIGHLIGHTS

Base oils make up 70% of engine oils and determine the overall function and quality.

ZIC's engine oils are made of YUBASE, a leading premium base oil that has a market share of 40%*, setting the basis for overall premium quality.

Here are some of the 10 keypoints that a powerful base oil can do to make the resulting engine oil stand out.



*Ranked first in terms of the share of the global market for Group III premium base oils, as of year 2023

WHY ZIC

01

Elevated engine protection

High Viscosity Index in any harsh circumstances such as extreme temperature and stressful conditions.

02

Outstanding cleanliness

Through the application of the optimal additive mixing equation, sludges and sediments generated within the engine are minimized.

03

Extended replacement interval

By maintaining the oil performance at its optimal state, it can be used for a longer period, leading to cost-savings.

04

Improved fuel efficiency

Low viscosity minimizes oil consumption and by maximizes cylinder movement in the engine.

05

Enhanced durability

By maintaining a powerful oil layer even at high temperatures, the wear and tear of the engine is reduced.

06

Excellent Performance in low temperatures

Even at extremely low temperatures, ZIC oil circulates smoothly throughout the engine, ensuring excellent performance in cold conditions.

07

Extended lifespan of the engine

Outstanding engine protection and cleanliness can maintain "like-new" engine conditions.

08

Certified by global automakers

High quality factory fill-in oils and after-market products are offered to global automakers.

09

Improved engine functions

Powerful engine output is maintained even in extreme operational environments.

10

Reduced oil consumption

Even at high temperatures, oil consumption is minimized, saving costs otherwise required for top-ups.

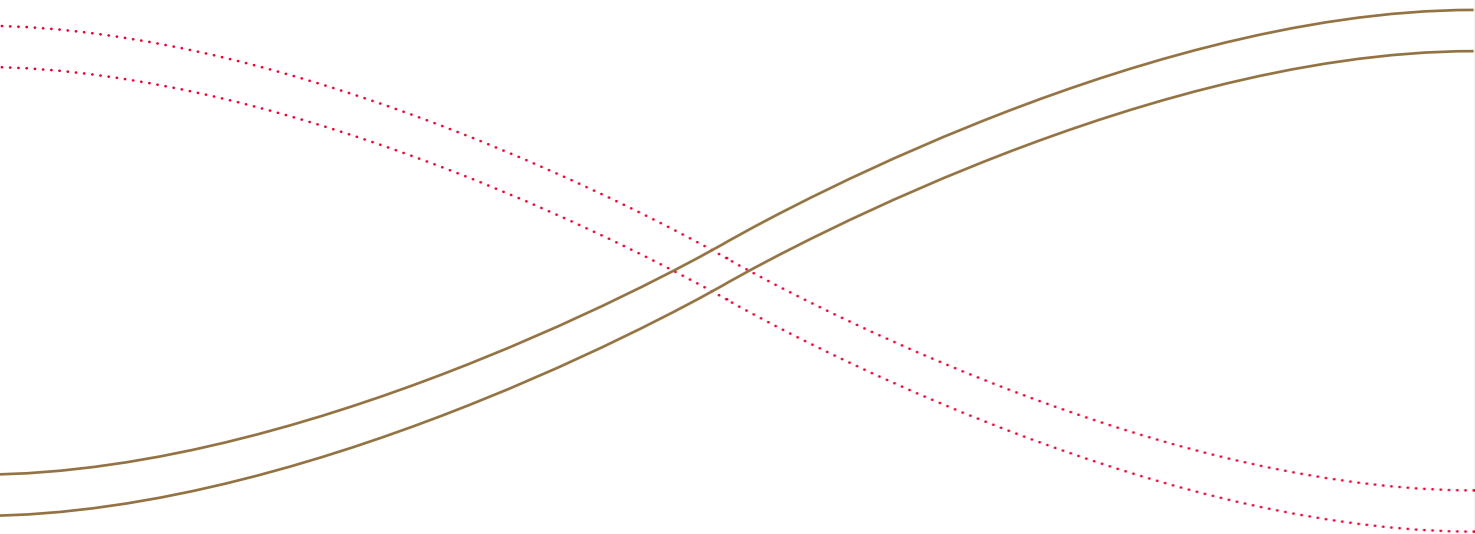
Fuel Efficiency Solution

to minimize energy loss
: for diesel and gasoline as well as hybrid vehicles

Of the approximate 30,000 parts that form an automobile, 20% generate frictional resistance when the engine is in operation.

ZIC's engine oil, finely blended with YUBASE at an optimal ratio, minimizes frictional resistance and effectively solves causes of low fuel efficiency such as energy loss and engine overload.

Increased fuel efficiency compared to Gr.II base oil ▲
Enhanced control of internal friction within the engine ▲



Decreased fluid resistance due to low viscosity ▼
Reduced friction between engine components ▼

Solutions with a thorough design, addressing the cause of undermined efficiency

ZIC's premium engine oil minimizes energy loss by addressing the shortcomings of each type of engine, from diesel vehicles that generate a lot of heat energy at high temperatures to hybrid vehicles that are prone to engine wear due to cold starts. Especially, the leading premium engine oils, ZIC X9000 5W-30 and ZIC X7000 10W-30, are optimized for diesel-powered cargo vehicles, protecting the engine from overload while improving fuel efficiency with their ultra-low viscosity.

	Problem	Solution
DIESEL	Low fluidity due to high viscosity features that maintain strong oil films when the engine undergoes compression ignition and generates high compression and heat energy.	ZIC's Fluid Solution effectively addresses the cause of energy loss for each type of issue, whether it be friction between parts, engine overload or loss of oil.
GASOLINE	Decreased engine protection performance due to sludge and sediment generated at high temperatures.	
HYBRID	Increased engine wear and tear under low temperature set for simultaneous operation of battery and engine.	

Tests on
ZIC 5W-30

*Based on HDDEO diesel price of KRW 1,300won/ℓ, fuel efficiency of 3km/ℓ, and annual driving distance of 100,000 km

*Costs and carbon dioxide reductions are calculated for one vehicle

Improved fuel efficiency on average

3.1%

Annual cost savings

1,260,000won

Annual CO₂ reductions

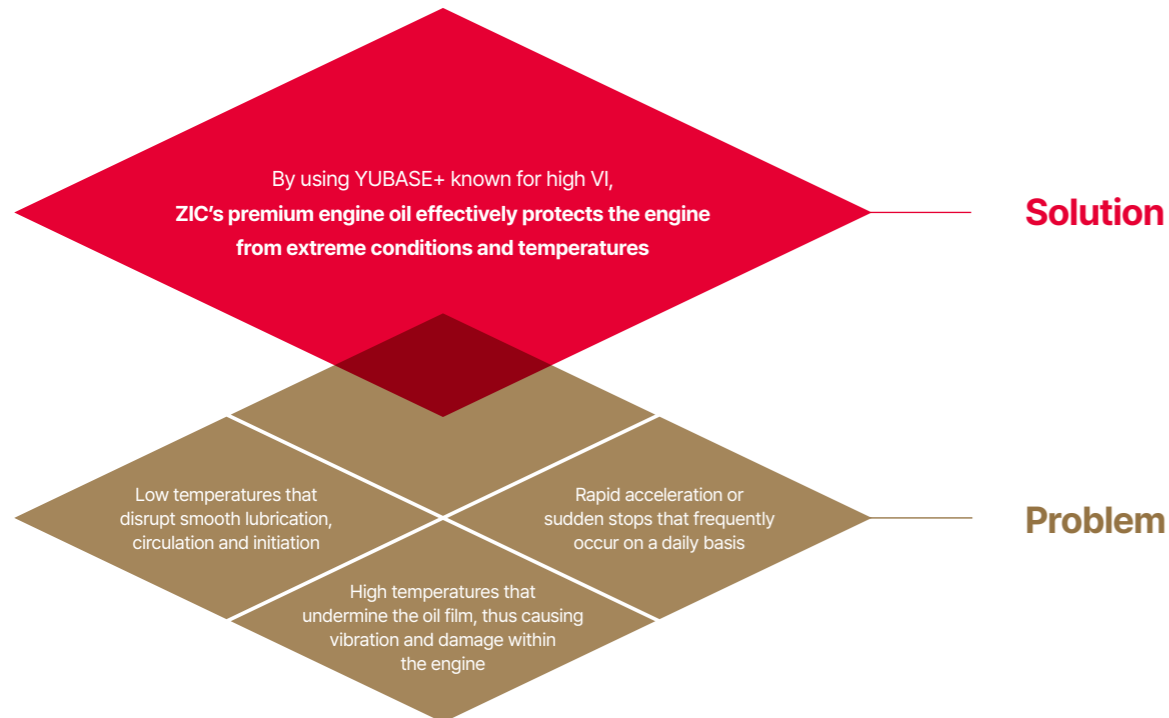
2.5TON

Engine Protection Solution

for optimal driving experience
: from drastic temperature changes
to severe environments

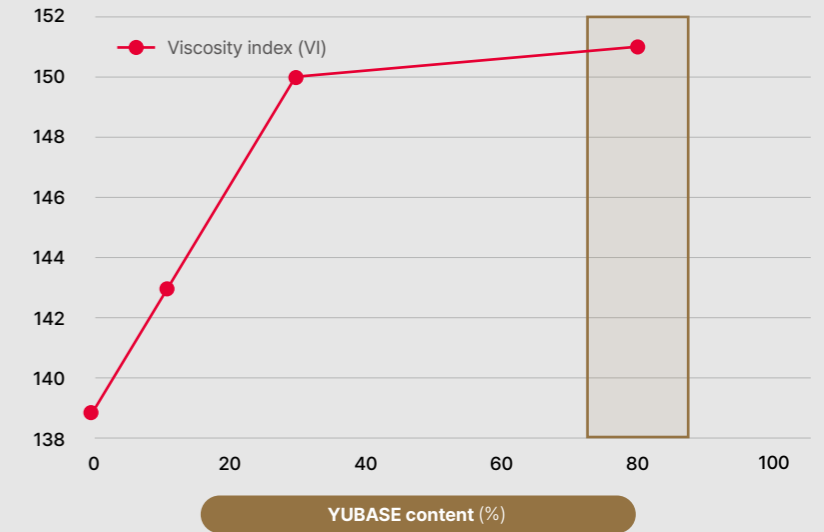
Even low-viscosity engine oil with low friction to increase fuel efficiency has its limitations. Because viscosity varies depending on temperature changes inside and outside the engine and on driving environment.

ZIC's solutions, which contain a high content of YUBASE known for its outstanding ability to maintain viscosity stability even during temperature fluctuations, not only keep the engine well lubricated and protected but also help extend the engine's lifespan and minimize sludge and sediments.



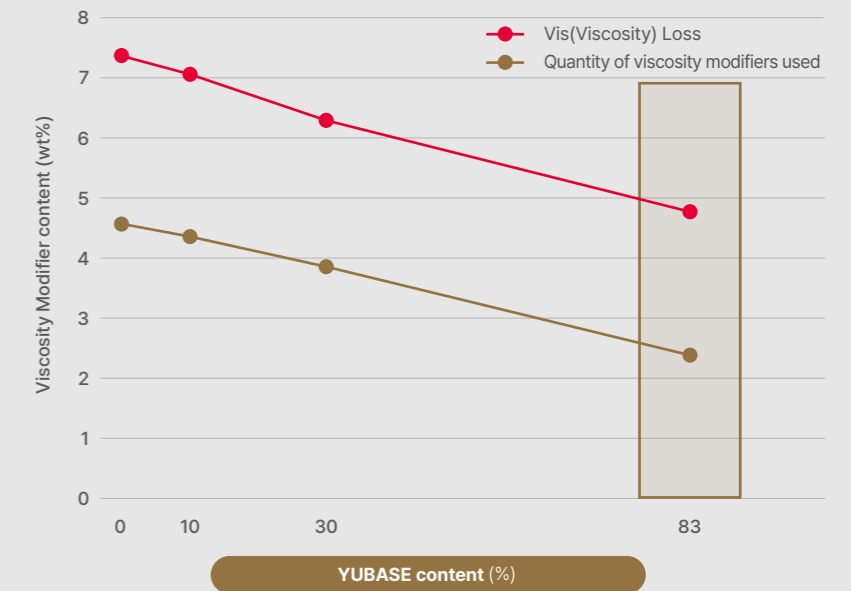
Test showing the change in viscosity index (VI) across different levels of YUBASE content

The viscosity index increases in proportion to the YUBASE content, showing that changes in viscosity caused by external temperature is less and the lubrication and circulation of the engine oil is effectively maintained.



Test results on relation to YUBASE and Viscosity modifiers

A higher YUBASE content is associated with a lower quantity of viscosity modifiers used and lower viscosity loss, indicating that viscosity is maintained at a stable level, which in turn helps protect the engine.



*Viscosity index improver (viscosity modifier): An additive that modifies the viscosity variations of lubricants at high and low temperatures, commonly used to improve the viscosity index.

**Those with a YUBASE content of 0 are used as Group II engine oil

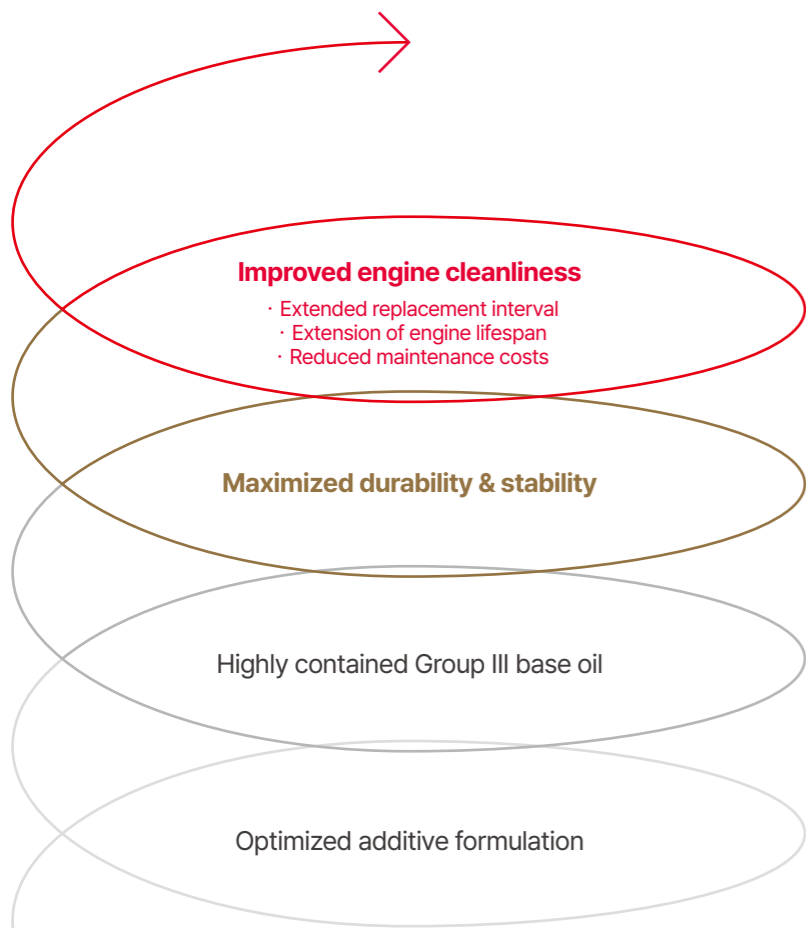
***Based on tests on engine oil 10W-30

Oxidation Prevention Solution

for easier car maintenance
: from excellent lubricating performance
to outstanding cleanliness

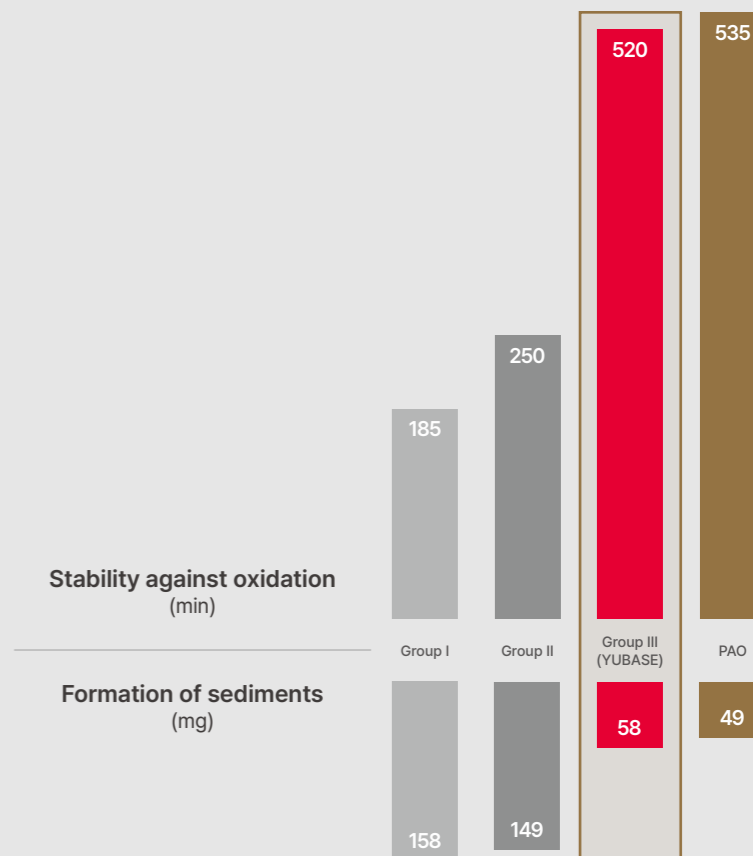
Oxidation of the engine oil generates sediments and sludge in the engine and parts, prompting the need for frequent replacement of the oil. It also accelerates the ageing and damaging of the engine, pushing up maintenance costs.

ZIC's premium engine oil is a blend of highly refined Group III base oil and an additive blending formula designed to address typical engine problems, such as the formation of contaminants and other performance degradation factors. Through this approach, it can stave off common engine issues like sediment formation and oxidation.



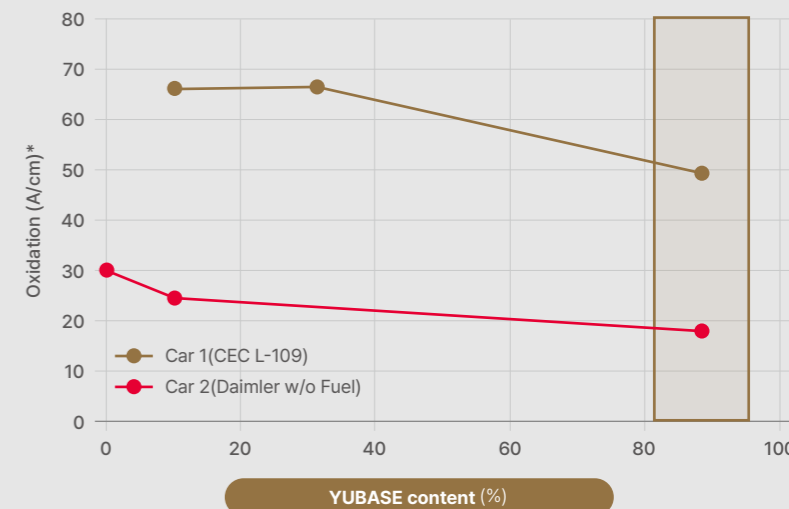
Comparison of stability against oxidation and cleanliness at high temperatures

YUBASE, a lubricants of GROUP III grade, shows a similar level of stability against oxidation and cleanliness at high temperatures to those of PAO, which is GROUP IV.



Comparison of oxidation across different content levels of YUBASE

A higher YUBASE content is associated with better prevention against oxidation, leading to improved oil durability and improved cleanliness of the engine.



*Oxidation refers to FTIR Oxidation
**Test results from engine oil 10W-30

OUR BEST PRODUCTS

Our products
: setting the standards

ZIC's premium oils offer an optimal lineup
that caters to diverse customer needs.

Fit for each purpose,
each customer's needs
and the greatest performance

ZIC LINEUP

Since its launch in 1995, ZIC has been consistently reinforcing the quality of its products to meet the needs of the market.

The current lineup features packaging and naming systems that cater to a variety of customers.



ZIC LINEUP

A lineup of engine oils that caters to each customer's needs

A lineup of premium products featuring improved additives for better engine protection and fuel efficiency

A customer-friendly and intuitive naming system for products

Differentiated colors packaging for ease of recognition

Ultra-premium product with a highest number of certifications

Passenger Car
Motor Oil

ZIC
X5

ZIC
X7

ZIC
X9

ZIC
TOP

Premium product for greater fuel efficiency

Heavy Duty
Diesel Oil

ZIC
X5000

ZIC
X7000

ZIC
X9000

ZIC
ULTRA

Specialized
Engine oils

FS
(Fuel Saving)
Cost-saving

LS
(Low SAPS*)
Environment-friendly

ULS
(Ultra Low SAPS)
Environment-friendly

ZERO
Reduced exhaust gas

*SAPS stands for Sulfated Ash, Phosphorus and Sulfur which adversely affect the exhaust emissions reduction devices on diesel-fueled vehicles. Low SAPS Engine Oil has minimized the content of these substances

Fit for each purpose,
each customer's needs
and the greatest performance

ZIC LINEUP

Since its launch in 1995, ZIC has been consistently reinforcing the quality of its products to meet the needs of the market.

The current lineup features packaging and naming systems that caters to a variety of customers.



PRODUCT LINEUP

PCMO | HDDEO

PCMO



Racing



TOP



TOP FS



TOP LS



X9



X9 FS



X9 LS



X9 HYBRID



X7



X7 FE



X7 LS



X7 HYBRID



X7 DIESEL



X5



X5 DIESEL



X3



X3 DIESEL

HDDEO



ULTRA



X9000



X8000



X7000 FE / X7000



X6000



X5000



X3000

MCO | Driveline Fluids | Automotive Gear Oil | Industrial

MCO



M9 Racing Edition



M9 4T



M9 4AT



M7 4T



M7 4AT



M5 4T



M5 4AT



M5 2T



M3 4T

Driveline Fluids



ATF 3



ATF D 6



ATF XP 3 / SP 4



ATF MULTI



ATF MULTI LF



CVTF Multi



DCTF Multi

Automotive Gear Oil



G-5



G-EP



G-FF

Industrial



SUPERVIS AW



SUPERVIS X



VEGA



ROYAL GREASE



CG GOLD

The ultimate choice for your valued vehicle

- 100% synthetic engine oil,

ZIC TOP

ZIC's TOP is a 100% synthetic engine oil of the highest quality, based on PAO that is Group IV grade. With a high viscosity index, along with its outstanding fluidity and anti-oxidation ability, it provides the greatest benefits in extending the life of both the engine and the oil.

It also meets the latest specifications for major automakers and international standards, serving as an optimized solution for both premium and high-performance vehicles.



Recommended purpose	Gasoline, Diesel with DPF-CPF-SCR and LPG engines
Performance level and grade	0W-20 : ACEA C6/C5, API SP, ILSAC GF-6 0W-30 : ACEA C2, API SP, ILSAC GF-6
Manufacturer's approval	0W-20 : MB-Approval 229.71/72 STJLR 03-5006-16 0W-30 : MB-Approval 229.61/227.61
Manufacturer specifications (Meets or exceeds)	0W-20 : BMW LL-17 FE+ / LL-14 FE+ FORD WSS-M2C947-B1 / WSS-M2C962-A1 FIAT 9.55535-GSX Chrysler MS-12145 0W-30 : BMW LL-12 FE FORD WSS-M2C950-A



Recommended purpose	Gasoline, Diesel with DPF-CPF-SCR and LPG engines
Performance level and grade	0W-20 : ACEA C6/C5, API SP, ILSAC GF-6 0W-30 : ACEA C3 5W-30 : ACEA C3, API SN
Manufacturer's approval	0W-20 : VW 508.00/509.00 Porsche C20 0W-30 : VW 504.00/507.00 Porsche C20 5W-30 : VW 504.00/507.00 MB-Approval 229.51 Porsche C20
Manufacturer specifications (Meets or exceeds)	0W-20 : Ford WSS-M2C956-A1 0W-30, 5W-30 : BMW LL-04



Recommended purpose	Gasoline, Diesel (without DPF-CPF-SCR) and LPG engines
Performance level and grade	ACEA A3/B4, API SP
Manufacturer's approval	MB-Approval 229.5/229.3 VW 502.00/505.00
Manufacturer specifications (Meets or exceeds)	BMW LL-01 Renault RN 0700/0710 Ford WSS-M2C937A



A 100% synthetic engine oil optimized for premium, high-performance vehicles.

Certified by the latest international standard and global automakers.

Powerful performance and outstanding improvement in fuel efficiency.

Maximized performance on fuel efficiency engine protection

ZIC X9

ZIC's X9 is a 100% synthetic engine oil that offers optimized function on various fronts, from improvement in fuel efficiency to engine protection and compliance with major European automakers.

The product lineup offers a wide range tailored to the characteristics of various vehicle types, including those powered by diesel, gasoline, or hybrid to meet diverse customer needs.

A 100% synthetic engine oil that uses YUBASE+, a base oil with ultra-low viscosity.

An optimized product lineup for improved fuel efficiency and engine protection.

Compliant with specifications of major European automakers and the latest international standards.



Recommended purpose	Gasoline, Diesel with DPF-CPF-SCR and LPG engines
Performance level and grade	ACEA A5/B5, C2, API SN
Manufacturer's approval	Renault RN 0700



Recommended purpose	Gasoline, Diesel with DPF-CPF-SCR and LPG engines
Performance level and grade	0W-20 : ACEA C6/C5, API SP 5W-30 : ACEA C3, API SN 5W-40 : ACEA C3, API SN
Manufacturer's approval	5W-30 : MB-Approval 229.51/229.52 VW 505.00/505.01 GM dexos2 5W-40 : MB-Approval 229.51/229.31 VW 505.00/505.01 GM dexos2
Manufacturer specifications (Meets or exceeds)	5W-30 : BMW LL-04 5W-40 : BMW LL-04 Porsche A40



Recommended purpose	Gasoline, Diesel (without DPF-CPF-SCR) and LPG engines
Performance level and grade	5W-30 : ACEA A3/B4 5W-40 : ACEA A3/B4, API SP
Manufacturer's approval	5W-30 : MB-Approval 229.5/229.3 VW 502.00/505.00 5W-40 : MB-Approval 229.5/229.3 VW 502.00/505.00 RN 0700/0710
Manufacturer specifications (Meets or exceeds)	5W-30 : BMW LL-01 Porsche A40 RN 0700/0710 5W-40 : BMW LL-01 Porsche A40 PSA B781 2296

A 100% synthetic premium engine oil with low viscosity and high efficiency that best fits the latest commercial vehicles

ZIC ULTRA

ZIC ULTRA has earned official approvals from major global automakers for their newest models. As a 100% synthetic engine oil, ULTRA products are ideally suited for mid-to-large diesel-powered vehicles, including Euro 6 models, and heavy construction equipment.

Featuring exceptional fluid solutions that perfectly protect the engine and post-processing equipment such as DPF and CPF, ZIC ULTRA prolongs the lifespan of vehicles and machinery. Additionally, its low-viscosity technology offers optimized driving conditions by boosting fuel efficiency and enabling smooth cold starts.

Certified by the latest standards and officially approved by global commercial vehicle manufacturers.

Optimized 5W-30 viscosity design for excellent fuel efficiency and cold start.

Enhanced driving conditions through advanced protection technology for the engine and equipment.



Recommended purpose	Recommended for the latest heavy duty diesel engines of classified as Euro VI, V standards equipped with DPF-CPF-SCR
Performance level and grade	ACEA E8(E6)/E11(E9)/E4/E7 API CK-4 JASO DH-2/DH-1/DL-0
Manufacturer's approval	DTFR 15C110(MB 228.51)/15C120(MB 228.52)/15C100(MB 228.31) MAN M3677/M3777/M3775 Scania LDF-4 Volvo VDS-4.5 Mack EOS-4.5 MTU Cat 3.1/2.1 Renault RLD-3 Caterpillar ECF-3 Cummins CES 20086 Detroit DFS 93K222 Deutz DQC IV-18 LA DAF Extended Drain
Manufacturer specifications (Meets or exceeds)	MAN M3477/M3271-1 Renault RLD-4 Cummins CES 20081 Detroit DFS 93K218



From the comparison to selection and management

ZIC CUSTOMIZED JOURNEY

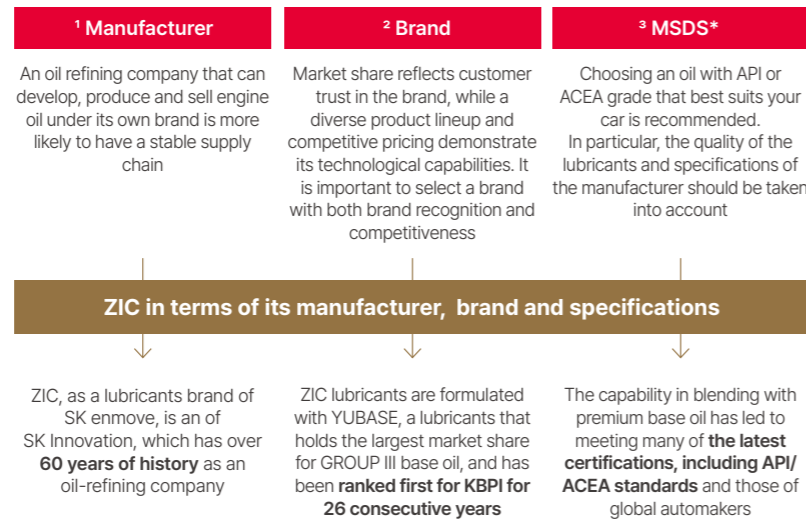
ZIC has met customer needs over the years with premium engine oils that help boost the function of engines, improve fuel efficiency and offer price competitiveness. ZIC is committed to tuning into the voice of the customer who are at the center of the latest trends involving mobility to offer the best driving experience from start to finish to every single customer.

STEP 1. Comparison

*MSDS(Material Safety Data Sheets): Documents that contain the necessary data to control and use chemical substances in a safe manner.

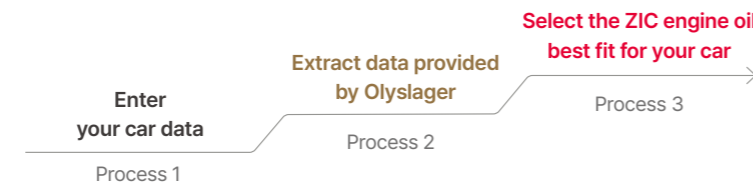
*History of key establishments and awards are based on 2024 data

There are many engine oil products in the market, each with its own unique selling points. However, what is of utmost importance is identifying the one that best suits your car by thoroughly comparing the manufacturers, brands, and MSDS of the products.



The solution for finding the ideal lubricant is available on ZIC's website, which uses data from Olyslager to suit the most optimal ZIC engine oil for your car.

Go to 'ZIC Products > Find products best fit for my car' to enter the automaker, vehicle model and serial number, and click 'Compare products' to find the product best fit for your car out of the over 70 ZIC lubricants.



STEP 2. Selection



See the product best fit for my car

STEP 3. Management

Just as important as selecting the right product is replacing the engine oil in a timely manner, taking into account the characteristics of your car, as well as your driving environments and habits.

In addition to receiving regular inspections by specialists at the maintenance center or manufacturers' service center, self-inspection is necessary on a regular basis. Replacing the oil in a timely manner is key to keeping your car in optimal condition for as long as possible.

Distance driven	If driven at an appropriate speed	If driven at a high speed or over longer distances	
	10,000 km Or less	7,000 km Or less	
Time driven	Average	Greater than average	
	Essential to replace once yearly	More frequent replacements	
Replacement frequency	Check for consumption*	Check for color	Check for viscosity
	If close to the markings of 'L' (Low) on the gauge, reaching about 80% towards 'F' (Full) is best.	Must be replaced if there is a tinge of yellow or brown, or if the oil is dark with sediments	Must be replaced if the viscosity of the oil is closer to that of water

* Engine oil can be checked by opening the hood and pulling out the oil gauge (the yellow hook) and wiping it down with a clean cloth, then placing it back in to the end before taking it out again.

Do you wish to know more about ZIC?

Please refer to the FAQ section. If you still have unanswered questions, you can leave your inquiries by **visiting ZIC's website and opening the tab ZIC TALK.**

Q. Do lubricants have expiration dates?

A. The expiration date varies depending on how the lubricants is stored. As such, no expiration date is marked on the container of the product. It is recommended to store lubricants away from direct sunlight in a dry and cool environment. Products kept in such an environment are valid for approximately five years if not opened.

Any products left over after use must be sealed for storage. Such products will remain valid for approximately one year from opening, but we recommend that they be used as soon as possible. If the sealing is not tight, moisture or foreign substances may enter the container leading to oxidation of the product and undermining of the quality.

Once the product is opened, moist or air can still enter the container still enter the container even if you put the lid back on. As such, we recommend that you take particular care to seal the product as thoroughly as possible by using plastic wraps or bags.

Q. Which engine oil is best for diesel cars with DPF?

A. Diesel-powered vehicles launched since 2010 are equipped with DPF. If regular engine oil is used on such cars, it disrupts the function of the DPF.

ZIC offers the following engine oils that are fit for diesel vehicles with DPF installed.



TOP LS

X9 LS

X7 LS

FOCUS ON PEOPLE

People with ZIC, The stories inside

From the developer's fingertips to the consumer, ZIC has continued to face challenges and changes meeting people from all over the world.

Through their voices, we want to take a closer look into the new stream in daily life created by solution-based engine oil.

50	Definition of our 'New Flow'
52	Families of ZIC
60	Our customers of ZIC

PERSPECTIVES

Creating New Flow

What does a new flow mean to you?

ZIC's new slogan means innovation in everyday life that will reach people more broadly, deeply, and closely.

In this new flow, there are people who pay attention to the possibilities of tomorrow.

From the developers who led ZIC's innovation, to ZIC global dealer representatives, and consumers who have experienced ZIC, what does 'New Flow' mean to people who have been with ZIC?

Movement for sustainability

For a sustainable future, ZIC seeks to set a new standard for lubricants through environmentally friendly innovation at the center of the changing trends of the times. In addition, we hope that ZIC's low-viscosity, high-efficiency Fluid Solution will deliver the message that not only companies but also consumers can directly contribute to sustainability, creating a trend for all of us to pay more attention to and act on the environment.

Byeong hee Kang,
researcher of ZIC's Development Team

A journey to change mobility

For me personally, flow means expansion, journey, connection and growth. In our business, flow means vitality and aliveness, and is also connected to adaptation to respond to new challenges. Therefore, we are looking forward to the day when ZIC will adapt to the new challenges in the hybrid and electric vehicle market that are slowly taking off in the Thai market.

Raweroj, CEO of Oranoss

Influence that leads to change

Isn't 'New Flow' the constant force that creates impactful change? ZIC's new message demonstrates how well-prepared ZIC is to adapt to changing market trends and customer needs. Together with ZIC, we hope to create a new wave by responding one step ahead to the new challenges facing the world and providing better value to customers' expectations and demands.

Hassan Tahir, CEO of Hi-Tech Lubricants
Ali Hassan, Executive Director of Hi-Tech Lubricants

Innovation that continues in customers' daily lives

Flow is the ability to continuously create value. ZIC's slogan 'New Flow' carries high expectations because it signifies that ZIC can continuously create innovative and new values, thereby increase purchase satisfaction for customers.

Vic Liu, CEO of SK Technolube

Changes in perception of sustainability

Vehicles that use high-quality engine oil increase fuel efficiency and naturally contribute to the environment. Using better engine oil for the environment - couldn't this change in perception also become a new trend created together with ZIC?

Byeonghwi Kang, car racer and journalist (Station B)

An ever-expanding driving experience

One of ZIC's strengths is its broad accessibility. Consumers can experience a new and expanded driving experience through a diverse lineup that can be used in any driving condition and environment. Being able to experience all the different options with one brand, it is a continuous flow of experience that only ZIC can create.

MJ Shin, customer of ZIC and dealer for imported cars

More flexible and bold attempts

Personally, I believe that the design of a product best expresses the brand's orientation. Therefore, we have been looking forward to the launch of an engine oil with sophisticated standards and specifications as well as design. ZIC's changed slogan and design raise expectations that the brand will continue to make new and bold attempts in areas we never thought of.

JS Moon, customer of ZIC and businesswoman

Movement befitting premium quality

I have always told people around that to have engine oil brand called ZIC in Korea is such a blessing for people who love cars. I am happy and have high expectations that ZIC, which has been quietly competing with invisible quality, has finally begun full-out-branding that matches its product capabilities.

Seongro Yoon, car racer and YouTuber (Motline)

CONNECTOR'S STORY

Families of ZIC

Challenging the limits of technology in the laboratory,
Enduring hardships on the racing track,
Reading the rapidly changing market trends and presenting
better value.

We introduce
individuals who continue to connect the invisible flows
with ZIC

KEYWORD INTERVIEW

Development story through keywords

"ZIC has such high brand power and recognition that it needs no explanation."

Researcher Byunghee Kang, who is entering his 10th year of ZIC product development, is filled with pride. This is because he is a living witness to the history of ZIC, which has built an engine oil lineup tailored to market demands and changes and has completed the fluid solution that satisfies everyone today.

We introduce the journey of ZIC development, from its beginning to completion and future goals, and the story behind it using five keywords.

Byeong hee Kang, PM
| R&D researcher

Developed engine oil for factory filling. Collaborated with numerous domestic and foreign automobile manufacturers to develop next-generation engine oil.

In addition to product development, I believe that quantifying ZIC's quality competitiveness and promoting it widely to consumers in an easy-to-understand way is equally important to functionality.

#YUBASE

A high-end base oil

From the product developer's perspective, we were confident that we could develop a premium lubricants because we had a high quality base oil : YUBASE.

In fact, many global automakers apply YUBASE, and major additive companies also develop formulations using YUBASE as a key raw material.

The database built through numerous joint productions and developments has become ZIC's unique competitive edge that allows it to stay one step ahead of its competitors in developing new products of the latest standards.

#CUSTOMIZED SOLUTION

Customized solution

It is important to develop customized products optimized for customers within a set deadline, so it is very important to build mutual trust through quick judgment and close response.

This requires understanding not only lubricants, but also the client's technology, the latest hardware trends, and the overall business. Therefore, ZIC's customized lubricants manufacturing solutions are a key symbol of speed and trust in the field of fluid engineering.

#ZIC RACING

Challenge beyond limits

As a special hobby, I enjoy sports driving on tracks and also participate in actual races. So, I would like to develop a product that can be fully verified and recognized even in harsher racing environments.

ZIC Racing products are flagship products developed through ZIC's technology accumulated over the past 30 years since the brand was founded.

Currently, they are recognized for their performance and quality by being chosen by many car racers in both amateur competitions and professional races.

#SUSTAINABLE ZIC

Sustainable lubricants solution

Recently, in line with global environmental regulations, lowering the viscosity of engine oil to improve fuel efficiency has become a trend in the automobile industry.

ZIC is also developing 'Sustainable Fluids' based on low-viscosity base oil, to respond to environmental regulations and to optimize energy efficiency.

Along with product development, our team also seeks to bring about changes in consumer awareness and behavior. To correct the preconceived notion that eco-friendly lubricants for improving fuel efficiency will not perform well, our new challenge and goal is to develop a 'Sustainable ZIC' product that can deliver performance beyond the level expected by consumers.

#0W-16

Ultra low viscosity fluid

Recently, low-viscosity ZIC engine oil has been receiving a great response in the market.

The reason for this is that the market and consumers' perception of low-viscosity lubricants has changed significantly compared to the past.

As the number of hybrid vehicles has increased, demand for low-viscosity engine oil is increasing along with improved consumer awareness of ultra-low viscosity products such as 0W-16 beyond 0W-20.

ZIC UNITED

Excellent driving experience for everyday, VHVI TECHNOLOGY

Two social media influencers with a long-standing love for cars came together through racing.

Through a Q&A interview, we captured the voices of two people who say that ZIC's outstanding technology and strong durability become clearer in the extreme driving environment of racing at high speeds on a circuit as part of the ZIC United team.

Kang Byeong-hwi's

| Car racer / journalist (Station B)

A professional journalist and car racer who communicates with people through writing and youtube videos about cars, and delivers more vivid experiences through the new challenge of motorsports.

Seongro Yoon's

| Car racer / Youtube content creator (Motline)

A creator who promotes the process of driving and evaluating cars from the perspective of a car enthusiast through youtube videos, and a car enthusiast who is active as a ZIC United car racer.

What led you to joining ZIC's United?

Seongro Yoon At the end of 2022, I received an invitation from Kim Jong-nam, CEO of Playground Korea, whom I had always known, to join the race team made by ZIC and compete. It wasn't an easy decision to participate in the race, but I accepted the challenge and ended up joining ZIC.

Byeonghwi Kang When I participated in the 24 hour race in Nuremberg, Germany, I got to work with the sports team of Hyundai Motor. Then I was put in touch with motorsports promoter, Playground who led me to ZIC's United team.

What does engine oil mean to professional car reviewers or car racers?

Seongro Yoon Engine oil is especially important as it not only protects the engine but also plays a role in quieting the engine by reducing unpleasant engine sounds.

So, when I test drive a vehicle, I mainly look at the engine sound as a criterion to determine whether it has been well maintained with good engine oil.

Byeonghwi Kang Although engine oil is not revealed externally, its role as a hidden supporting role that completes the main role of the engine is becoming very important. In particular, for racers who continue to drive harshly for long periods of time, engine oil with high oil temperature and hydraulic stability is not an option, but a basic condition. Additionally, engine oil is becoming increasingly important in modern racing cars equipped with turbochargers*.

*Turbocharger

An engine auxiliary device that helps improve fuel efficiency while increasing the vehicle's output and torque.

What kind of engine oil is ZIC to you?

Seongro Yoon Ever since I first encountered ZIC, I thought the quality exceeded my expectations. It is a high-quality engine oil that is difficult to find negative evaluation elements in any way.

Byeonghwi Kang Before using ZIC in the lubricants market, where a few major brands with a long track record around the world have been competing for a long time, it seemed like a reasonable choice. However, actually using it, I could see that ZIC's real focus is on quality and technology.

What are the opinions of people around you about the ZIC brand?

Byeonghwi Kang "When in doubt, Use ZIC" I think I hear that a lot. When you're confused about which product to choose among many engine oil brands, it's often talked about as a choice you won't regret.

Seongro Yoon Because ZIC TOP and ZIC Racing lineups are so famous among car enthusiasts, information about new products being added to the lineup spreads far more quickly. Using various engine oil products often leads to disappointment. This is because some brands have unsatisfactory quality products except for its few popular products. However, in the case of ZIC, good feedback continues to accumulate as the lineup expands.

What are the features that an engine oil brand must have in line with recent market trends?

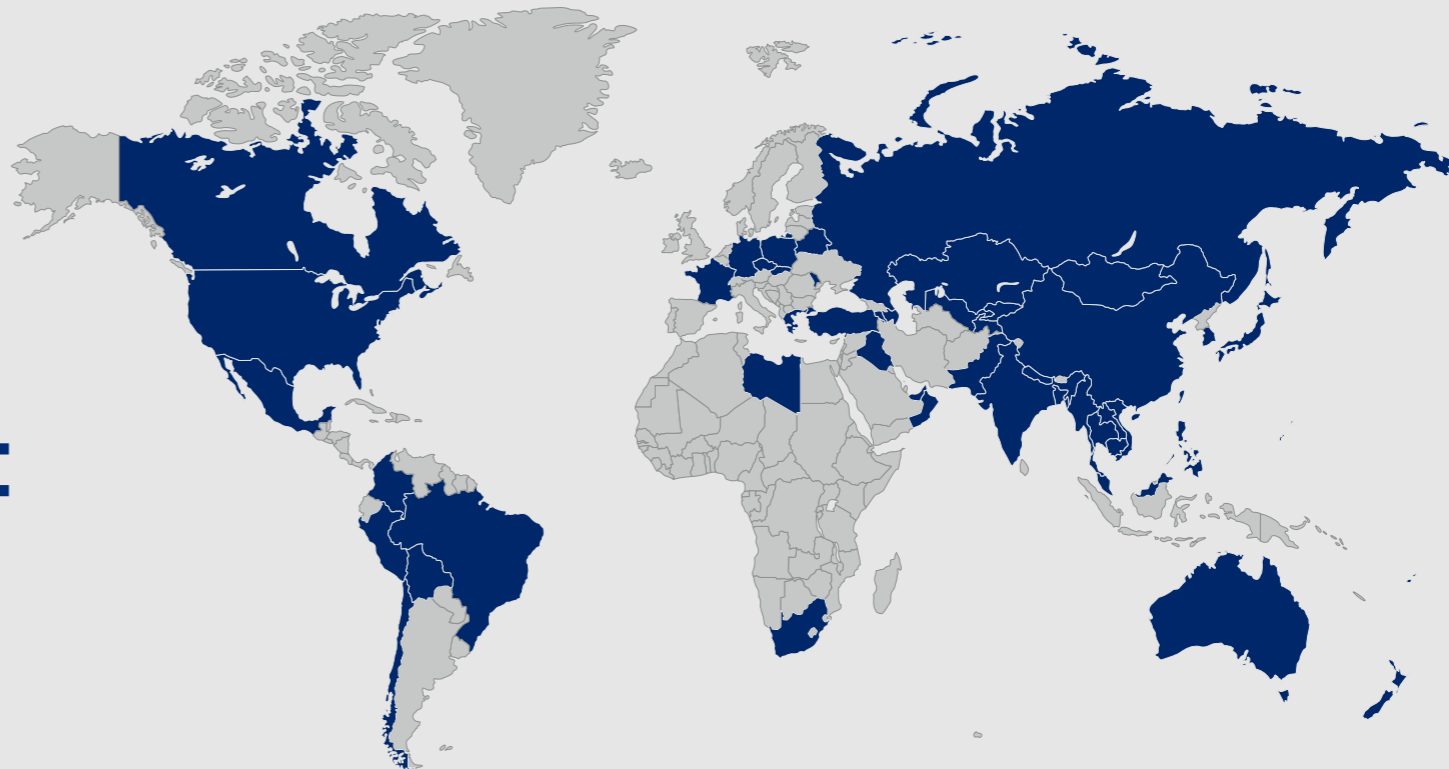
Byeonghwi Kang Nowadays it is becoming increasingly difficult to find an engine that is not equipped with a turbocharger. Engine oil can have a significant impact on downsized turbos, as they need improved output per unit displacement and better fuel efficiency. While maintaining low friction viscosity so that the engine can run smoothly, thermal management technology that can cover turbochargers with a wide operating temperature range is also essential. Furthermore, in line with eco-friendly trends, oil durability characteristics that reduce waste oil generation are also required, as must be able to be used for a longer period of time without replacement. The part that has the greatest impact on the sustainability of engines is engine oil.

Seongro Yoon As the most important indicator for evaluating engine oil, it is necessary to develop engine oil that meets low viscosity specifications or the latest official approval from manufacturers, as well as the formulation. In addition to product development related to standards and approvals, I believe that quantifying ZIC's quality competitiveness in an easy-to-understand way and widely promoting it to consumers are equally important capabilities as functionality.

MESSAGE FROM GLOBAL PARTNERS

The optimal choice anytime, anywhere, **TRAVEL THE WORLD WITH ZIC**

ZIC engine oil is perfectly tuned to the driving environment of each country. ZIC's global partners provide answers for a perfect driving experience through an engine oil lineup optimized for each country's environment and an understanding of customer needs.



 An all-around player in Thailand's premium lubricants field
Oranoss of Thailand


This is Oranoss, ZIC's Thai dealership that supports customers' driving experience through engine oil.

Currently, we are developing the Thai market by introducing ZIC's high-quality engine oil to more Thai customers through SK Enmove's marketing promotion support.

In the Thai market, ZIC is a highly competitive brand in many aspects compared to other brands. SK's brand value, stability of base oil supply, and oil refining technology accumulated over a long period serve as a competitive edge in taking the lead in the Thai market.

We are confident that ZIC's capabilities will serve as a greater differentiation strategy in the Thai market, where car purchase rates are expected to increase in the future.

We would like to go one step further as a strategic partner who shares knowledge and insight into the Thai local market.


 A frontrunner in the Philippines MCO market
SK Techno-lube of the Philippines

SK Techno-lube Corporation (SKTL) is the only ZIC dealer in the Philippines that has been exclusively distributing ZIC lubricants in the Philippines since late 2007 and has been responsible for marketing, promotion, and sales.

We have maintained a close cooperative relationship as a messenger who directly promotes the importance and value of engine oil quality that SK Enmove seeks to convey through ZIC to Filipino consumers.

As the global lubricants market focuses on synthetic oils, ZIC products have a clear advantage in the Philippine market. ZIC, made with Group III base oil and the highest level of additive blending technology, is recognized as the best quality in the Philippine synthetic oil market.

Recently, ZIC has been targeting consumers with a catchphrase that emphasizes that it is a high-quality synthetic oil at a reasonable price.

 Build ZIC into No.1 Premium Brand
Avto-Rusi in Russia


Since 2000, we have been responsible for ZIC sales in Moscow and the Central region.

We operate 17 large Retail/Oil Change Shop franchises in Moscow and are doing our best to become ZIC's No. 1 M/S (imported oil) and premium. Currently, ZIC boasts a high level of recognition in Russia, ranking first among imported brands for its 100% synthetic oil products.

Basically, most Russian consumers have private garages, so the proportion of them who could manage light self-maintenance is high, and the proportion of consumers who purchase and replace engine oil is also large. Since consumers directly change engine oil and check the wear condition of the engine and the cleanliness of the oil, they have no choice but to be strict consumers when it comes to engine oil.

What Russian consumers particularly value are excellent low-temperature start and cleanliness that will protect the engine even in extreme cold down to -50°C or lower.

This is why ZIC's high-quality engine oil, which has a high viscosity index and maintains viscosity in any environment and has engine protection performance, is very popular with Russian consumers.

 A top-tier player in Pakistan's premium lubricants market
Hi-Tech Lubricants of Pakistan

Hi-Tech Lubricants (HTL), which has approximately 30 years of experience in the Pakistani lubricants market, has been growing rapidly as the company recently expanded its retail gas station network across Pakistan.

Our cooperation with SK Enmove, which started in 1997, became a turning point that enabled us to become a game-changer in the Pakistani lubricants market.

SK Enmove provided data and solutions to build a state-of-the-art oil mixing and packaging facility, and we provided an expanded product portfolio to meet customer needs. By exchanging resources, networks, and insights, we have been able to produce amazing results.

In particular, thanks to ZIC's brand value, we have been able to establish ourselves as a premium brand in the Pakistani lubricants market by meeting new demands from customers with high-performance products that can adapt to Pakistan's extreme climate.

CUSTOMER'S INTERVIEW



Our customers of ZIC

ZIC's customized solutions work delicately according to the characteristics of the city in which the car is driven.

Even in Seoul, a dynamic city with a variety of transportation and mobility features, ZIC's Fluid Solution simplifies various concerns such as engine protection, fuel efficiency, and driving comfort.

We met ZIC engine oil users who choose engine oil based on their own criteria and enjoy a unique lifestyle.

DRIVING WITH ZIC

Smart driving with ZIC

A private businesswoman who owns a Ford Mustang and a Volkswagen Tiguan. She likes listening to loud music while driving, but to her, engine oil was just a difficult, masculine, and uninteresting automotive item.

"The ZIC advertisement I saw recently was gender-neutral yet witty, so it remained a good memory."

With an unexpectedly sparked interest, she has now become a smart engine oil consumer who

carefully examines base oil, price range, brand, and specifications, and even captures subtle driving changes depending on engine oil.

"ZIC is soft yet strong. Without putting unnecessary pressure on the price."

Ever since she started using ZIC, she says she has been experiencing smoother and more stable driving every day. Hear more about her engine oil purchasing experience.



A simple yet reasonable choice for daily car care
ZIC TOP

The best choice with no alternatives

It meets Volkswagen's latest standards, VW504/507, and although it contains high-quality base oils such as YUBASE and PAO, the price is reasonable, so I chose and used ZIC TOP 5W-30 engine oil without much hesitation. In addition, SK produces the base oil used in ZIC engine oil in-house, giving us greater confidence in both quality and price.

Engine oil that brightens your car

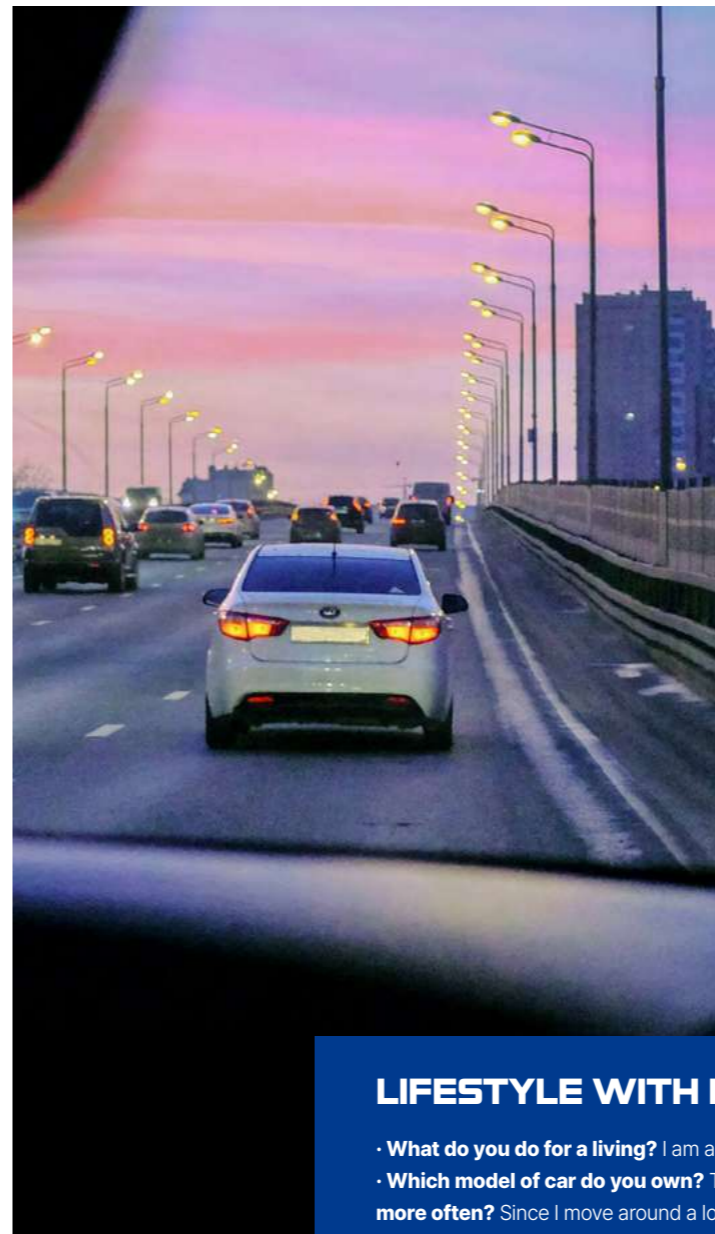
Car accessories must be well-designed to fit well with the car body rather than individually. In this respect, I think ZIC is a brand that people who pursue simple and reasonable things can trust and choose. In particular, the fact that it is a brand with the ability to continuously update the latest international standards and approvals from famous car manufacturers was also a good point for choosing it.

Soft yet powerful

I haven't had much experience with other brands of engine oil, but even compared to engine oils from famous foreign brands, ZIC is a flawless and excellent brand. It enables quiet operation compared to genuine oil, and the pushing feeling sense of acceleration is softer and more powerful even at high speeds when driving in suburban areas.

Recommended to everyone

Normally, when PAO or GROUP III grade base oil was included, the price was so high that I didn't bother to buy it, but ZIC, which directly produces base oil, was different. So, unless there are exceptional cases such as vintage cars, I can recommend the ZIC TOP series, which meets many manufacturer and international standards and guarantees quality.



LIFESTYLE WITH MOBILITY

JS Moon | businesswoman

- **What do you do for a living?** I am a musician in ensembles and also operate a music recording studio.
- **Which model of car do you own?** The Ford Mustang and Volkswagen Tiguan.
- **Which car do you drive more often?** Since I move around a lot and have to carry equipment, I often turn to the Tiguan that has better fuel efficiency and more space.
- **How long a distance has the car been driven so far?** Approximately 70,000 km
- **What is your driving style like?** Due to traffic congestions during commute hours, I enjoy putting on loud music to make it less boring. On the weekend, I take the car for a short trip out of town. During the winter season, we take it to ski and snow-boarding resorts.
- **What got you interested in engine oil?** I joined an online community to get some information about audio tuning, and that was when I first learned about the varied types of engine oil brands. I was aware of the high fuel efficiency of the Tiguan, but I read in one of the posts that changing the engine oil to ZIC's TOP further improved noise and output.
- **How often do you change your engine oil?** try to replace it every 15,000 km driven, as recommended by Volkswagen.
- **What's your criteria for selecting engine oil?** I was told specifications are important for Volkswagen or Audi cars, so I first look up the specifications instructed by the automaker. Then I look at the features of the engine oil and the price.

RACING WITH ZIC

Racing experience changed with ZIC

An imported car dealer who enjoys car racing in his spare time. He has been interested in cars since he was young and knows the importance and brands of engine oil. ZIC engine oil has now become part of his daily life.

"I use ZIC TOP in my commuting car and ZIC Racing in my racing car, and I realized once again that ZIC is the engine oil brand that suits me best."

"The biggest advantage is that you can easily experience premium engine oil from a reliable company at a reasonable price with a wide lineup."

In particular, ZIC allows for stable enough driving that you wouldn't even notice the aging of engine oil. This is important to car racers who are sensitive to any change in viscosity of the engine oil and makes ZIC all the more appealing for those wishing to get a good record in racing.



Conditions for achieving the record; The invariable viscosity

ZIC RACING

My own racing routine

When racing, you become sensitive to even a difference of 0.1 seconds. I tried famous imported high-end products, but even though I was picky about purchasing them, it was difficult to get the effect I expected. The first day I used ZIC Racing products at the recommendation of a teammate who enjoys racing with me, I surpassed my best record, which had not been updated for a long time. From then on, whenever I want to set a good record, I prepare ZIC Racing products.

Reasonable choice

There were times when I used products from other expensive brands because there were no standards for choosing engine oil. However, as I gained more experience changing engine oil, I learned that it is more important to choose the product that is right for you rather than the most expensive product. The cost burden was especially high when 5 bottles of engine oil had to be used each time during car racing. In this respect, ZIC is recognized as a reasonable brand that offers consumers a wide range of choices as well as price and quality. You can often meet people who use ZIC Racing even in actual professional racing competitions.

All driving experiences together

Even though I like to try a lot of different products, when I go on a track, I go with ZIC Racing almost half of the time. I am also considering ZIC Racing 0W-30 as the engine oil for my upcoming practice races. Before purchasing the current performance model, I also used ZIC TOP products in my commuter car.

Comfortable and stable driving all the way

The clear strength of ZIC engine oil is that its viscosity is maintained. Even if it is not an extreme driving situation, there comes a point when you feel unpleasant vibration when driving for a long time. However, ZIC engine oil allowed for comfortable driving until the end. In other words, ZIC engine oil is an engine oil that provides a stable driving experience to the extent that it is difficult to feel oil aging until you check the mileage on the dashboard.

Guaranteed quality, wide range of product line

Considering your driving style and the climate environment of your area, I recommend choosing a ZIC TOP or Racing product with a viscosity that suits you. ZIC uses globally renowned premium base oil, so the quality of the engine oil itself is basically guaranteed. In addition, it is much more convenient for consumers because it has a lineup that can be selected according to driving style, including functions and viscosity.



LIFESTYLE WITH MOBILITY

MJ Shin | Imported car dealer

· **What do you do for a living?** I sell BMW cars and enjoy car-racing as a hobby. · **Which model of car do you own?** M135i Performance · **How long a distance has the car been driven so far?** Approximately 12,000 km as of four months since its purchase · **What is your driving style like?** Although not weekly, I enjoy racing and often go for drives to the coast via the expressway. Occasionally I go for a drive on winding roads such as the Bukak Skyway, as a way to de-stress. · **What got you interested in engine oil?** During the first practice for my race, I noticed that the viscosity of the engine oil that I had put in before the race turned into something similar to water. Since then, I've also had cases where if I don't replace the engine oil in a timely manner or use low quality oil, the cylinders would get scratches or there would be friction between the auto-parts, leaving behind some metal powder. That's when I learned of the importance of engine oil and started turning to others for recommendations, and comparing different engine oils against one another. · **How often do you change your engine oil?** When I participate in a lot of races, I change it weekly. If it's for regular commutes, then I change it every 10,000km driven. · **What's your criteria for selecting engine oil?** When I'm driving in the city, I use an engine oil with a viscosity of 30. For races, I use one with a 40 viscosity. I try to select the viscosity that's right for me, but also look at whether the viscosity index is objectively high and whether the price is reasonable.

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3rd Hamlet, An Thanh Commune, Ben Lu Dist., Long An Province, Vietnam
+84 272 3635 168 | +84 272 3635 169
info@mekongpetro.com
www.mekongpetro.com
www.facebook.com/skzicvietnam

**Quang Nam Province, Vietnam
| CHU LAI AUTOMOBILE SPECIALIZED SEALANT AND FLUID LIMITED
LIABILITY COMPANY (CASF)**
Thaco Chu Lai Iz, Tam Hiep Commune, Nui Thanh Dist, Quang Nam Province, Vietnam
+84 2353 567 161 | casf@thaco.com.vn
www.thacoindustries.com

Ninh Binh, Vietnam | THANH CONG SERVICE TECHNICAL CORPORATION
Gian Khau Industrial Zone, Gia Tran Commune, Gia Vien Dist., Ninh Binh Province,
Vietnam
+84 437 958 958

Bahrain | FLOW TRADING BAHRAIN WLL
Warehouse/Off. No. 2, Entrance: W640 Block 701, Tubli Road 120,
Kingdom Of Bahrain
+973 1 7611065 | maqsood@flowtrad.com

Libya | DOROU LIBYA CO., LTD
Flat No 1, Elokhowa Building Aldees Street, Misurata, Libya
+218 918108361 | kkkshaim@dlc.ly
https://dlc.ly

Iraq | BRANDLINES INC
#12 Street 9, District 215 Al Kindi Area, International Zone Baghdad, Iraq
+82 10 9293 9200 | steve@brandlines.kr
http://www.brandlines.kr

South Africa | PARTS-MALL CORPORATION
50 Herman Street R24 Business Park, Building G Unit 1, Meadowdale
Germiston 1401, South Africa
pma@parts-mall.com
https://www.parts-mall.co.za

Singapore | STRIDES PREMIER AUTOMOTIVE SERVICES PTE. LTD
23 Changi South Avenue 2 #04-03 Singapore 486443
+65 9680 0505 | lillian.ngo@stridespremier.com.sg
https://stridespremier.com.sg

Malaysia | KBS GLOBAL SDN. BHD.
B-1-3, Zenopy, Zenopy Shoplot, Jalan Lp 7/4, Seri Kembangan, 43300,
Seri Kembangan Selangor
+60 16 520 7847 | kbsnetworksb@gmail.com
https://skzicmalaysia.com

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https://www.hitechlubricants.com

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https://www.gefa.gr

Chile | IMPORTADORA ALSACIA SPA.
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www.alsaciarepuestos.com

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http://www.skzic.com.pe

UAE | FLOW TRADING LLC
Dubai Creek Tower, Suite # 19-A, P.o.box: 40492, Baniyas Street, Deira,
Dubai, United Arab Emirates
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100027 P.R. China

India | SK enmove India Pvt. Ltd.
Unit No. 309, 3rd Floor, Sewa Corporate Park, MG Road, Gurgaon
122002, Haryana, India

USA | SK enmove Americas Inc.
11700 Katy Freeway Suite 900, Houston,
TX77079

Russia | SK enmove Rus LLC.
Office 1302, Entrance 2, Northern Tower, 10 Testovskaya Street. Moscow,
123112, Russia

Official distributor in Korea

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Headquarters
Twegye-Ro, Jung-Gu, Seoul, Korea
02-2270-1800

Daejeon Branch
#C-204, Industrial Sanup-Ro 107, Daedeok-Gu,
Daejeon, Korea
042-253-5541

Jenju Branch
600-1 Kirindae-RO, Deokjin-Gu, Jeonju-Si,
Jeollabuk-Do, Korea
063-254-1186

Wonju Branch
2593 Bukwon-Ro, Wonju-Si, Gangwon-Do, Korea
033-742-3876

Gangneung Branch
227 Gajak-Ro, Gangneung-Si, Gangwon-Do, Korea
033-652-3287

Ulsan Branch
182 Jangsaengpo-Ro, Nam-Gu, Ulsan-Si
052-272-2823

Gwangju Branch
218 Dongmundae-Ro, Buk-Gu, Gwangju-Si, Korea
062-264-7211

KK Co . Ltd.
Headquarters
642 Gukchaebosang-Ro, Jung-Gu,
Daegu-Si, Korea 053-430-5124

Chimsan Logistics Center
255 Nowon-Ro, Buk-Gu, Daegu-Si, Korea
053-357-5188

NTK
Headquarters
1346 Nakdongdae-Ro, Sasang-Gu,
Busan-Si, Korea 051-831-7588

Changwon Branch
2-1 Muyeok-Ro 581 Gil, Euichang-Gu,
Changwon-Si, Gyeongsangnam-Do, Korea
055-714-1033

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3rd Floor, Hanyu Building, 1883
Nambu Sunhwan-Ro, Gwanak-Gu, Seoul, Korea
02-3498-5252

Chungnam · honam Branch
7th Floor, Gwangju Trade Center, 282 Mujindae-Ro,
Gwangsan-Gu, Gwangju-Si, Korea
062-941-5179

Yeongnam Branch
#301, 3rd Floor, Daehwi Building,
629-10 Jungangdae-Ro, Jin-Gu Busan-Si, Korea
051-633-4221

ZIC BRAND DESIGN GUIDELINES

INTRODUCTION

This guideline consists of proprietary information of the company and thus shall not be distributed or copied without authorization.

If outsourced production is needed, only excerpts of the document shall be leased to the outsourced company and be retrieved upon completion of the task.

This guideline shall not be reproduced or printed.

For reproduction or copying of the script, only data files listed in the guideline shall be used.

The rules applicable to contents in the guideline shall be strictly observed, and any arbitrary revisions to such rules is prohibited.

Items that are deemed to be in need of revision, editing or development, shall be done in consultation with the department of ZIC in charge of its brand management.

All images used in this guideline are for reference purposes only.

Images included in any printed materials or web banners for an external audience shall be purchased separately or be those shot for their specific purpose.

72 Basic System

80 Application System

Brand Basic System

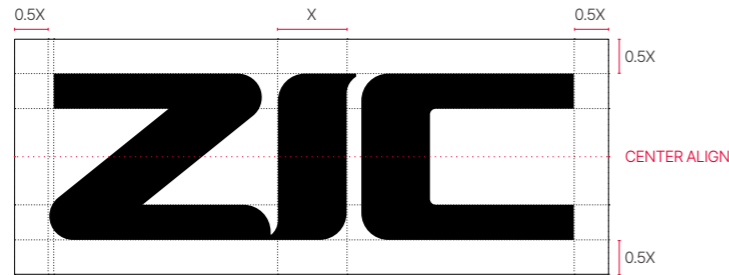
LOGOTYPE

ZIC's logotype is the key to all visual communications and is one of the most important symbols and assets. Any unauthorized revision or distortion to the logotype is strictly prohibited, and careful management must be undertaken to optimize the logotype in a given environment. To prevent incorrect use of the logotype, the file listed on the guideline must be used at all times.

Basic



Clear space



Minimum Size



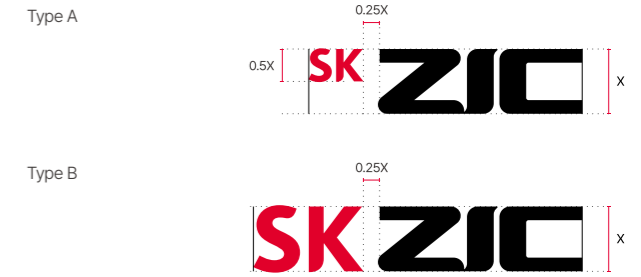
SIGNATURE

The signature must be used when combining ZIC's main logotype with a product name or slogan. Any unauthorized revision or distortion to the logotype is strictly prohibited, and careful management must be undertaken to optimize the logotype in a given environment. To prevent incorrect use of the logotype, the file listed on the guideline must be used at all times.

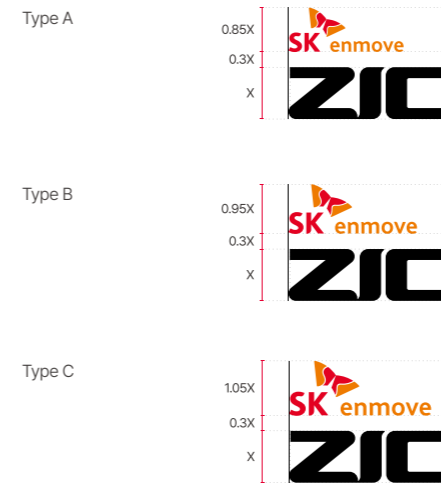
SK Logo_Vertical



SK Logo_Horizontal



SK enmove Symbol Eng_Vertical



SK enmove Symbol Eng_Horizontal

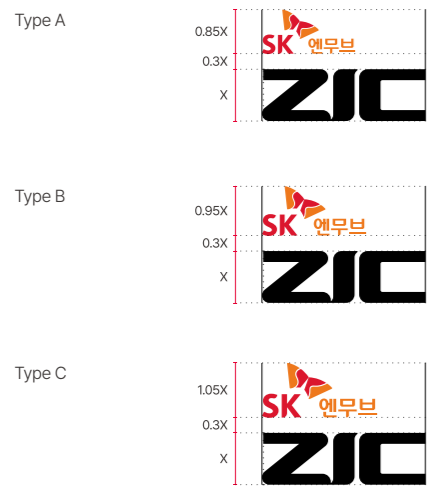


Brand Basic System

SIGNATURE

The signature must be used when combining ZIC's main logotype with a product name or slogan. Any unauthorized revision or distortion to the logotype is strictly prohibited, and careful management must be undertaken to optimize the logotype in a given environment. To prevent incorrect use of the logotype, the file listed on the guideline must be used at all times.

SK enmove Symbol Kor_Vertical



SK enmove Symbol Kor_Horizontal



Sub Brand_Vertical



Sub Brand_Horizontal



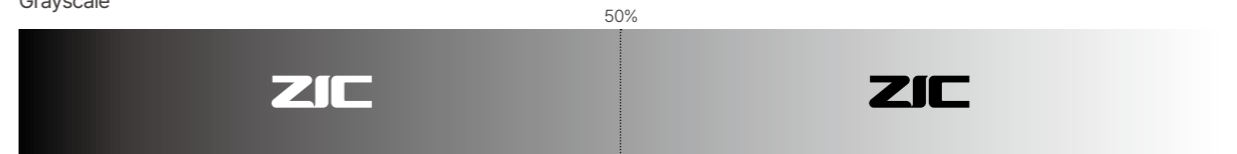
COLOR SYSTEM

ZIC's main colors were developed around highly visible black and white. Red, silver and gold are also used as sub-colors and considered visual assets that form an important part of the company's brand image. When printing, spot color printing is recommended. But depending on the medium, the digital screen may make CMYK printing available. In such a case, RGB must be used.

Color Palette



Grayscale



Background Color Usage



Brand Basic System

TYPEFACE

The English typeface 'Signs' is one that is highly associated with ZIC's logo with bold features, while the typeface 'Pretendard' used for both English and Korean is highly legible. To keep the brand image consistent, designated typeface must be used, with some flexibility applied depending on the usage environment and purpose.

ENG _ Sign

SIGNS

FLUID SOLUTION

NO.1 PREMIUM

ENGINE OIL

- BLACK**
- HEAVY**
- BOLD**
- MEDIUM**
- REGULAR**
- LIGHT**
- ULTRALIGHT**
- THIN**

8 weight

KOR/ENG _ Pretendard

프리텐다드

지크가 만드는

보이지 않는 새로운 흐름

Challenging for New
For Creative Solution

0123456789*!?

- Black**
- ExtraBold**
- Bold**
- SemiBold**
- Medium**
- Regular**
- Light**
- ExtraLight**
- Thin**

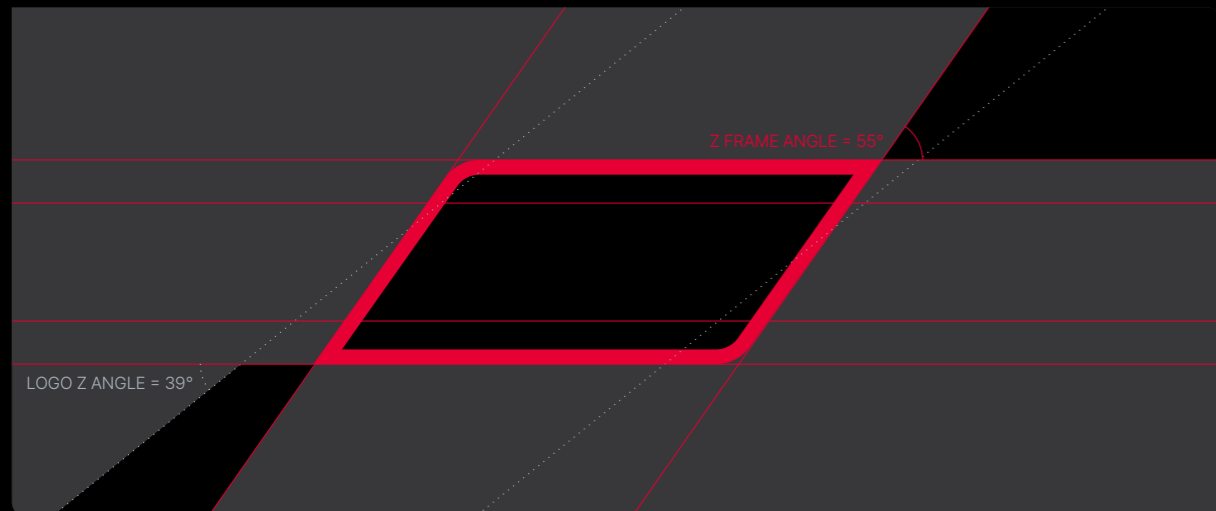
9 weight

Brand Basic System

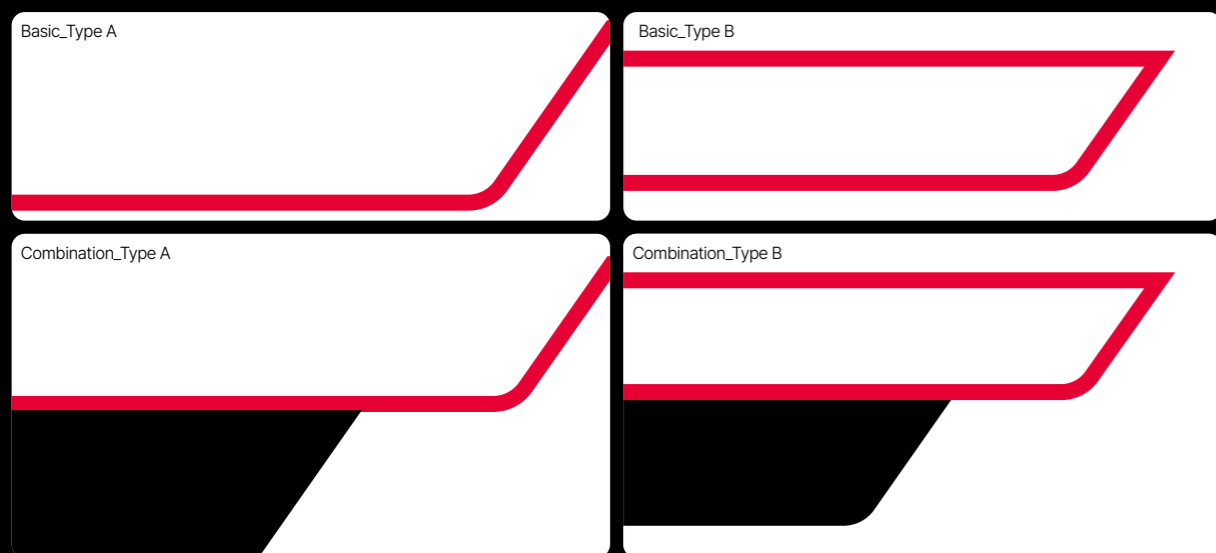
GRAPHIC MOTIF

The graphic motif was developed off of the horizontal stroke and the diagonal line of the ZIC logo. It has been adjusted for universal application. The Z frame when in a revised diamond shape can have the thickness of the lines and the size of the motif itself adjusted to the internal text or surrounding environment. The motif helps to deliver the brand identity of ZIC in various environments.

Graphic motif angle



System

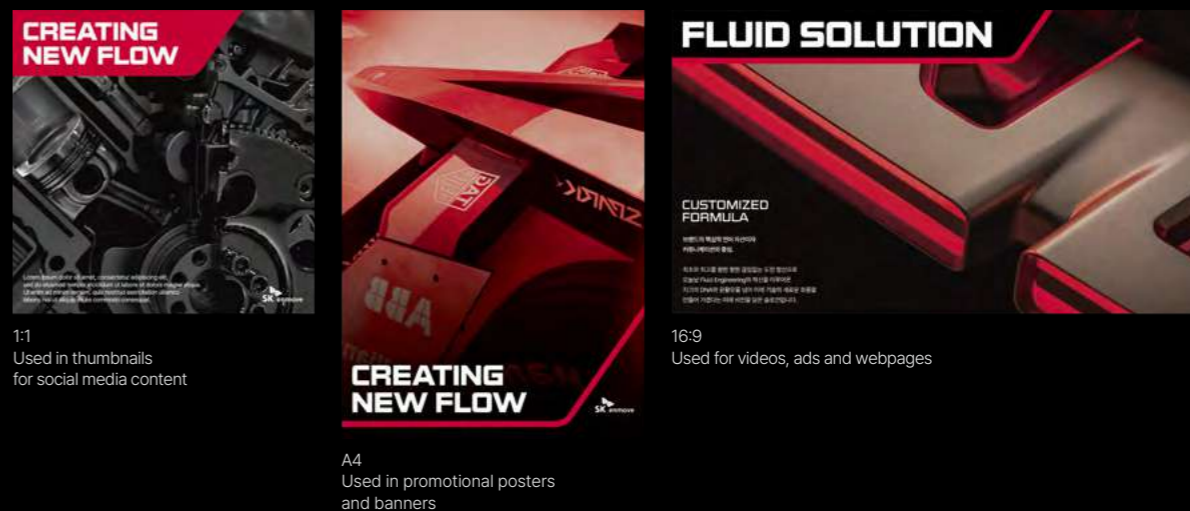


GRAPHIC MOTIF USAGE

The following shows some examples of applying graphic motifs in different ratios. Any distortion to the graphic motif is strictly prohibited. The ratio given as examples below must be referenced for usage.

*All images are for reference only. If needed, separate images must be purchased or shot for their specific purpose.

Basic Type



Combination Type



Brand Application System

BUSINESS CARD

Business cards are one of the first things exchanged when meeting a new client and serves an important role in setting first impressions. The business cards shown below are in actual size. If there is a lot of information to be listed for the address or job title, the font size may be adjusted. However, each component must be kept in the designation location of the card as shown below.

Business Card Guide

- Size
85×55 mm
- Name in Korean
Pretendard SemiBold / 10pt / letter spacing 100
- Name in English
Pretendard Regular / 7.5pt / letter spacing -5
- Title/Contact/Address
Pretendard Regular / 7.5pt / letter spacing-5



ADVERTISING

The following is an example of applying the graphic motif in various ratios. Any distortion to the graphic motif is strictly prohibited. The ratios given as an example below must be referenced for usage.

* All images are for reference only. If needed, separate images must be purchased or shot for their specific purpose..



Brand Application System

PRODUCT DISPLAY

The graphic used for product display is attached to the POP or installation for each product within ZIC stores, to help with the delivery of ZIC's image. The ratios, size and specifications given in the manual must be applied as default when producing the displays, but depending on the circumstances minor revisions may be made.

Display e.g

Type A



Type B



FOCUS ON
ZIC

CREATING NEW FLOW