

PRODUCT DESCRIPTION

EuroDrive 0W-40 is an advanced high-performance fully synthetic engine oil formulated with PAO and enhanced with innovative chemical components to guarantee excellent performance on the stringent requirements of European OEMs. Strong detergency and dispersant properties to perfectly protect engines from Low-Speed Pre-Ignition (LSPI) phenomena. It delivers rapid protection to engines to effectively reduce wear, deposits, sludge and maintains durable oil film thickness in extreme driving conditions.



EuroDrive 0W-40 is a low viscosity engine oil enhanced with unique anti-friction technology, ZFM™ (Zero Friction Molecular), to considerably reduce friction and wear of highly loaded engine parts that are exposed to intensive duty cycles and high operating temperatures. Provides elevated level of wear protection and maximized performance across all engine speed.

APPLICATION

Recommended for all types of gasoline and light duty diesel engines that are not equipped with Gasoline Particulate Filters (GPF) and Diesel Particulate Filters (DPF). For high performance, turbocharged and direct injection vehicles running from mild to extreme operating conditions. Applicable for use in European vehicles requiring ACEA A3/B4 lubricants.

Suitable for use in all types of fuels.

WARRANTY

EuroDrive 0W-40 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SP or ACEA A3/B4 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Extends Engine Life**
High shear resistance to ensure excellent oil film thickness over the whole oil drain service even at extreme driving conditions.
- **Cleaner Engines**
Outstanding oxidation performance to enhance engine cleanliness required by most premium European OEMs.
- **Fuel Economy**
Easy oil flow at start up and faster rev raising allowing fuel savings versus thicker engine oils.
- **Robust Engine Oil**
Designed to exceptionally fit the most demanding requirements of downsized engines with higher horsepower and torque. Protects engine from premature combustion, known as LSPI which can cause catastrophic engine failure.
- **Compatibility with ECS (Emission Control System)**
The low content of phosphorus and ash contributes to the long life of the three-component catalytic converters (TWC).



MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SP
- API SN PLUS
- API SN/CF
- ACEA A3/B4
- BMW LL-01
- MB 229.3
- MB 229.5
- MB 226.5
- VW 502 00 / 505 00
- RENAULT RN0700 / 0710
- FORD WSS-M2C937-A

Suitable for use in BMW, Mercedes Benz, Porsche, Volkswagen, Renault, Nissan, Infiniti, Honda, Acura, UAZ, LADA, Volkswagen, Audi, Skoda, Fiat, Ford, Chrysler, Hyundai, Kia, Genesis, Ravon, Daewoo, Haval, Brilliance, Dongfeng, Luxgen, BYD, FAW, Haval, Changan, Geely, Jac, Chery, Great Wall, Lifan and in various European, Asian, American, Russian passenger

cars, SUVs, CUVs, light commercial trucks and other vehicles requiring a 0W-40 ACEA A3/B4 engine oil. Provides maximum wear protection for exceptional engine performance in most extreme driving conditions.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	0W-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	82.22	ASTM D445
100 °C	cSt	14.00	ASTM D445
Viscosity index	-	176	ASTM D2270
Cranking viscosity at -35°C	mPa-s	5911	ASTM D5293
Color	-	L3.5	ASTM D1500
Flash point	°C	240	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8450	ASTM D4052
Total Base Number	mg KOH/g	11.6	ASTM D2896

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY & ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO., LTD. disclaims any liability in case the product is used with violation of these instructions and warnings, or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.