

PRODUCT DESCRIPTION

EuroDrive 5W-30 is a high-performance fuel economy and low emission fully synthetic engine oil formulated to exceed the stringent requirement of BMW, Mercedes Benz, Volkswagen, Renault, and other European makers that require at least an ACEA A3/B4 lubricant. Highly shear stable and intended for an extended oil drain intervals in passenger cars and light-duty diesel engines where specified by the engine manufacturer. Excellent lubricating properties to guarantee wear protection.

EuroDrive 5W-30 considerably reduces friction and wear of highly loaded engine parts that are exposed to intensive duty cycles and high operating temperatures. Faster engine revving to deliver maximum power output while maintaining the overall engine durability.

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, direct injection and hybrid 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 5W-30 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SL or ACEA A3/B4 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Engine Durability**
Durable oil film thickness to ensure full engine protection during the oil service life.
- **Maximum Engine Performance**
Excellent oil flow from the engine start-up until full revving speed for to allow maximum power output without compromising reliability and wear.
- **Fuel Savings**
Outstanding frictional properties and improved oil flow during engine start up for an enhanced fuel efficiency.
- **Longer Oil Drain**
Meets the most demanding OEM requirements in terms of oil drain intervals. Refer to OEM manuals for the suggested ODI.

MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SL/CF
- ACEA A3/B4
- BMW LL-01
- MB 229.3
- MB 229.5
- MB 226.5
- VW 502 00 / 505 00
- RENAULT RN0700 / 0710

Suitable for use in BMW, Mercedes Benz, Volkswagen, Renault, Toyota, Genesis, Honda, Hyundai, Kia, Infiniti, Mitsubishi, Lexus, Geely, Nissan, MG, Suzuki, Chevrolet, Datsun, Subaru, Ford, Holden, Mazda, Chrysler, Acura, Dodge, Fiat and in various European or Asian passenger cars, SUVs, CUVs, light commercial trucks and other vehicles requiring a 5W-30 ACEA A3/B4 engine oil. High cleaning power and exceptional wear protection to keep your engine running like new.

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		5W-30	SAE J300
Kinematic viscosity at:			
40 °C	cSt	69.45	ASTM D445
100 °C	cSt	11.73	ASTM D445
Viscosity index	-	165	ASTM D2270
Cranking viscosity at -30°C	mPa-s	5592	ASTM D5293
Color	-	L3.0	ASTM D1500
Flash point	°C	232	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8444	ASTM D4052
Total Base Number	mg KOH/g	11.86	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.