

PRODUCT DESCRIPTION

EuroDrive Eco 0W-30 is a high-performance mid SAPS fuel economy fully synthetic engine oil formulated for use in vehicles equipped with DPF, GPF, TCW and other aftertreatment systems. Formulated with PAO base oils to ensure maximum lubricating and cleaning properties even at very high operating temperatures in gasoline and light duty diesel engines. Protects downsized and modern engines from low-speed pre-ignition (LSPI) occurrence.



EuroDrive Eco 0W-30 is a low friction 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. Delivers optimum fuel savings and excellent low temperature performance for maximum engine efficiency.

APPLICATION

Recommended for all types of gasoline and light duty diesel engines that are fully equipped with Gasoline Particulate Filters (GPF), Diesel Particulate Filters (DPF) and Three-Way Catalyst (TCW) after treatment devices. For high performance, turbocharged, direct injection, downsized and hybrid vehicles running from mild to extreme operating conditions. Applicable for use in European vehicles requiring ACEA C2 lubricants.

Suitable for use in all types of fuels.

WARRANTY

EuroDrive Eco 0W-30 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SP or ACEA C2 or ACEA A5/B5 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Improved Fuel Economy**
Facilitates cold engine start up, reduces friction, and maintains oil pressure in low operating temperatures to enhance fuel savings while ensuring engine durability.
- **Extends Engine Life**
Effectively reduces internal friction across all engine speed and driving conditions to guarantee performance and reliability without compromising the engine life.
- **Maximum Oil Service Life**
Thermally stable and oxidation resistant to guarantee engine protection in wide variety of operating temperatures.
- **Superior Engine Cleanliness**
Remarkable soot handling performance in engines running in start-stop cycles which are highly prone to soot and sludge formation.
- **Compatibility with ECS (Emission Control System)**
The low content of phosphorus and ash contributes to the long life of the Gasoline Particulate Filters (GPF), Diesel Particulate Filters (DPF), and Three-way Catalysts (TWC) devices.



MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SP
- API SN PLUS
- API SN/CF
- ACEA C2
- ACEA A5/B5
- BMW LL-12 FE
- MB 229.61
- FORD WSS-M2C950-A

Suitable for use in BMW, Mini, Mercedes Benz, Volkswagen, Ford, Opel, Jaguar, Fiat, Honda, Jeep, Subaru, Suzuki, Chrysler, PSA, Land Rover, Renault, and in various European or Asian passenger cars, SUVs, CUVs, light commercial trucks and other vehicles

requiring a 0W-30 ACEA C2 or ACEA A5/B5 or API SP engine oil. Exceptional lubricating properties for high level of wear protection.

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-30	SAE J300
Kinematic viscosity at:			
40 °C	cSt	52.60	ASTM D445
100 °C	cSt	10.13	ASTM D445
Viscosity index	-	184	ASTM D2270
Cranking viscosity at -35°C	mPa-s	5227	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	0.8425	ASTM D4052
Total Base Number	mg KOH/g	9.03	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.