

PRODUCT DESCRIPTION

EuroDrive Eco 5W-40 is a high-performance mid SAPS fully synthetic engine oil formulated for use in vehicles equipped with DPF, GPF, TWC and other aftertreatment systems. High oil film resistance to guarantee lubricity and wear protection all throughout the oil drain service even in severe and extreme driving conditions. Excellent detergent and dispersant power to resist the formation of deposits, sludge, and varnish. Resists low speed pre-ignition (LSPI) occurrence.



EuroDrive Eco 5W-40 is an outstanding 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. Tailored for smoother driving experience and minimized oil loss during engine acceleration.

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 (TWC) after treatment devices. For high performance, turbocharged, direct injection, and downsized vehicles running from mild to extreme operating conditions. Applicable for use in European vehicles requiring ACEA C3 or API SP lubricants.

Suitable for use in all types of fuels.

WARRANTY

EuroDrive Eco 5W-40 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SP or ACEA C3 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Reliable Engine Performance**
Low viscosity, low friction and quick oil pumpability for immediate wear protection from engine start up to full speed acceleration.
- **Extends Engine Life**
Effectively cleans up sludge from dirty engines and maintains viscosity throughout the oil service life to ensure outstanding engine protection in any driving conditions.
- **Cleaner Engine**
Prevents deposits build up, suppresses soot & sludge formation to maintain a clean engine and full protection throughout the oil drain interval.
- **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 C3
- BMW LL-04
- MB 229.51
- MB 229.52
- RENAULT RN0700 / 0710
- OPEL OV0401547

Suitable for use in BMW, Mercedes Benz, Renault, Opel, Ford, Honda, Hyundai, Infiniti, Lexus, Mitsubishi, Volkswagen, Dodge, Fiat, Nissan, MG, and in various European or Asian passenger cars, SUVs, CUVs, light commercial trucks and other vehicles requiring a 5W-40 ACEA C3 or API SP engine oil. Allows extended oil drain intervals and excellent fluidity at low temperature.

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-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	72.44	ASTM D445
100 °C	cSt	13.54	ASTM D445
Viscosity index	-	193	ASTM D2270
Cranking viscosity at -30°C	mPa-s	6152	ASTM D5293
Color	-	L3.5	ASTM D1500
Flash point	°C	224	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8424	ASTM D4052
Total Base Number	mg KOH/g	9.8	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.