

### PRODUCT DESCRIPTION

EuroDrive Eco 0W-20 is a high-performance mid SAPS fuel economy fully synthetic engine oil formulated for use in vehicles equipped with DPF, GPF, TWC and other aftertreatment systems. It is enhanced with high quality PAO base oils to guarantee maximum engine wear protection especially in severe driving conditions. It offers outstanding performance to reduce low speed pre-ignition (LSPI) in turbocharged gasoline direct injection (TGDI) engines and turbocharger compressor deposit (TCCD) protection for modern direct injection diesel engines.



EuroDrive Eco 0W-20 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. Thermally stable and oxidation resistant to ensure extended oil drain intervals without any compromise on the performance and reliability of the oil during the oil service life.

### 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, downsized and hybrid vehicles running from mild to extreme operating conditions. Applicable for use in European vehicles requiring ACEA C6 or C5 lubricants.

Suitable for use in all types of fuels.

### WARRANTY

EuroDrive Eco 0W-20 meets or exceeds the OEM's warranty requirements of gasoline and diesel vehicles where API SP or ACEA C6 or ACEA C5 or ILSAC GF-6A oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### CUSTOMER BENEFITS

- **Improved Fuel Economy**  
Low friction-low viscosity oil that delivers both enhanced fuel savings and strong durability in modern driving conditions.
- **Exceptional Engine Durability**  
Innovative chemical components to deliver robust protection against LSPI or severe knocking in modern downsized and direct injection engines.
- **Durable Engine**  
Highly shear stable for stronger oil film thickness to protect engine from excessive wear and extends the engine life.
- **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
- ILSAC GF-6A
- ACEA C6
- ACEA C5
- MB 229.71
- GM DEXOS D
- FORD WSS-M2C952-A1
- OPEL OV0401547
- LAND ROVER STJLR.03.5006

Suitable for use in Mercedes Benz, General Motors, Ford, Opel, Land Rover, Aston Martin, Buick, Chevrolet, Chrysler, Dodge, Fiat, Lincoln, Infiniti, Jeep, Kia, Lexus, Mazda, MG, Mitsubishi, Nissan, Tata, Toyota, Opel, Honda, Subaru, Scion and in various European or Asian passenger cars, SUVs, CUVs, light commercial trucks and other vehicles requiring a 0W-20 ACEA C6 or C5 or API SP or ILSAC GF-6A engine oil. Guarantees strong durability of engines and compatibility with modern biofuel mixes.

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-20	SAE J300
Kinematic viscosity at: 40 °C	cSt	46.03	ASTM D445
100 °C	cSt	8.87	ASTM D445
Viscosity index	-	176	ASTM D2270
Cranking viscosity at -35°C	mPa-s	5792	ASTM D5293
Color	-	L3.5	ASTM D1500
Flash point	°C	238	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8455	ASTM D4052
Total Base Number	mg KOH/g	9.02	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<sup>®</sup> distributor.