

### PRODUCT DESCRIPTION

Eco Gasoline 10W-40 is a premium semi synthetic engine oil for use in 4-stroke gasoline and diesel engines of passenger cars and light commercial vehicles requiring a 10W40 API SN or ACEA A3/B4 engine oil. Provides full protection to all engine parts, making it a reliable lubricant during high speed and stop-start driving.



Eco Gasoline 10W-40 is 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. It keeps engine clean and prevents varnish formation for a maximized engine service life.

### APPLICATION

Provides broad range of engine protection for most modern passenger car and light duty diesel applications ranging from SUVs, luxury and high-performance vehicles. It has been specifically formulated to meet the most demanding needs of the model European and Japanese cars.

### WARRANTY

Eco Gasoline 10W-40 meets or exceeds the OEM's warranty requirements of gasoline & light duty diesel vehicles where API SN/SM/SL or ACEA A3/B4 oil is required. TOTACHI<sup>®</sup> guarantees full compliance on the written specifications indicated on product labels.

### CUSTOMER BENEFITS

- **Prolongs engine life**  
Formulated with the right components chemistry that provides high detergency to reduce deposits, sludge and prevent varnish formation to extend engine life.
- **Smooth start up**  
Wear protection, better shear stability and oxidation resistance in hot temperatures, key factors to prolong the transmission system life.
- **Optimum engine uptime**  
Additives provide an optimized drain interval to deliver maximum engine uptime.



### MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SN/CF
- ACEA A3/B4, A3/B3
- MB 226.5, 229.3
- VW 501 01 / 502 00 / 505 00
- RENAULT RN 0700 / 0710
- FIAT 9.55535 G2/D2
- PSA B71-2300

Suitable for use in various OEMs such as DATSUN, SKODA, AUDI, SEAT, ALFA ROMEO, LANCIA and other European vehicles requiring a 10W-40 engine oil. For use in various engines with mileage of equal or above 100,000 km. Perfect for all weather conditions. Good solution to prevent oil burns and smoke emissions.

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	-	10W-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	104.70	ASTM D445
100 °C	cSt	14.70	ASTM D445
Viscosity index	-	145	ASTM D2270
Cranking viscosity at -25°C	mPa-s	6408	ASTM D5293
Color	-	2.0	ASTM D1500
Flash point	°C	244	ASTM D92
Pour point	°C	-45	ASTM D97
Density at 30 °C	kg/L	0.8541	ASTM D4052
Total Base Number	mg KOH/g	7.43	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.