

### PRODUCT DESCRIPTION

Eco Gasoline 5W-30 is a resource conserving semi synthetic engine oil for use in modern four-cycle gasoline and diesel engines of passenger cars and commercial vehicles. It is formulated with premium base oils to provide strong anti-wear protection, excellent protection against thermal breakdown, outstanding protection against engine deposits and sludge and varnish formation that can result from heavy load and stop-and-go driving conditions.



Eco Gasoline 5W-30 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. Keeps engine clean and effectively prevents varnish formation, making it a perfect choice for all driving conditions.

### APPLICATION

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

### WARRANTY

ECO GASOLINE 5W-30 meets or exceeds the OEM's warranty requirements of gasoline & light duty diesel vehicles where API SN/SM/SL or ILSAC GF-5 oil is required, respectively. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	5W-30	SAE J300
Kinematic viscosity at:			
40 °C	cSt	61.31	ASTM D445
100 °C	cSt	10.37	ASTM D445
Viscosity index	-	158	ASTM D2270
Cranking viscosity at -30°C	mPa-s	5511	ASTM D5293

### CUSTOMER BENEFITS

- Promotes long engine life**  
 Improved anti-oxidation properties and excellent oil film stability to provide reliable protection of modern high-speed engines.
- Easy cold weather starting**  
 Due to Excellent low temperature properties of the synthetic base oils.
- Fuel Economy**  
 Helps to improve fuel economy and can increase engine efficiency.



### MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SN/CF, Resource Conserving
- ILSAC GF-5
- Ford WSS-M2C-946A
- General Motors GM6094M
- Chrysler / Dodge / Jeep/ Ram MS-6395
- Fiat/Alfa Romeo/Lancia 9.55535-CR-1
- Toyota/Lexus/Nissan/Infiniti/Honda/Mitsubishi
- Hyundai/Kia/Genesis

Suitable for use in various OEMs such as TOYOTA, LEXUS, DAIHATSU, INFINITI, ACURA, HONDA, MITSUBISHI, MAZDA, SUBARU, SUZUKI, ISUZU, DACIA, HYUNDAI, KIA, GENESIS, RAVON, DAEWOO, HAVAL, BRILLIANCE, DONGFENG, LUXGEN, BYD, FAW, HAVAL, CHANGAN, GEELY, JAC, CHERY, GREAT WALL, LIFAN, and others requiring an API SN or ILSAC GF-5.

Before using this product make sure, it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

Color	-	L2.0	ASTM D1500
Flash point	°C	232	ASTM D92
Pour point	°C	-42	ASTM D6892
Density at 30 °C	kg/L	0.8466	ASTM D4052
Total Base Number	mg KOH/g	7.18	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.