

### PRODUCT DESCRIPTION

Ultima Ecodrive L 5W-30 is a high performance fully synthetic (PAO+ESTER) engine oil formulated for use in modern gasoline and diesel engines, equipped with modern emission control systems. It is a synthetic Mid SAPs premium engine oil, designed for modern four- cycle gasoline and diesel engines of passenger cars and light commercial trucks, equipped with exhaust catalytic reduction systems (TWC), help to deliver outstanding performance and protection in conjunction with potential fuel economy benefits. Provides outstanding protection for grueling stop-and-go driving.



Ultima Ecodrive L 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.

### APPLICATIONS

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 modern model Asian, American and European cars.

### WARRANTY

ULTIMA ECODRIVE L 5W-30 meets or exceeds the OEM's warranty requirements of gasoline & light duty diesel vehicles where API SN/SM/SL or ACEA C3 oil is required, respectively. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

### 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.
- **Extends drain intervals**  
The product's balanced formulation resists premature oil deterioration and ensures outstanding thermal resistance in extreme driving conditions, which allows vehicles to effectively operate even in extended service intervals.

### MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN/CF;
- ACEA C3;
- GM DEXOS 2;
- Fiat/ Alfa Romeo/ Lancia S1/S3
- MB 229.51
- Audi/Volkswagen/Skoda/Seat 502.00-505.01
- PSA Peugeot Citroen B71 2290
- TOYOTA / LEXUS / HONDA / MITSUBISHI /
- HYUNDAI / KIA / GENESIS

Suitable for use in various OEMs such as TOYOTA, LEXUS, DAIHATSU, NISSAN, INFINITI, ACURA, HONDA, BUICK, CADILLAC, GMC, VAUXHALL, OPEL, MITSUBISHI, MAZDA, SUBARU, SUZUKI, ISUZU, HYUNDAI, LANCIA, KIA, GENESIS, RAVON, DAEWOO, HVAL, BRILLIANCE, DONGFENG, LUXGEN, BYD, FAW, HVAL, CHANGAN, GEELY, JAC, CHERY, GREAT WALL, LIFAN, and others requiring an API SN or ACEA C3.

Before using this product make sure, 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-30	SAE J300
Kinematic viscosity at:			
40 °C	cSt	58.90	ASTM D445
100 °C	cSt	10.40	ASTM D445
Viscosity index	-	167	ASTM D2270
Cranking viscosity at -30°C	mPa-s	45264	ASTM D5293
Color	-	L2.0	ASTM D1500
Flash point	°C	236	ASTM D92
Pour point	°C	-45	ASTM D97
Density at 30 °C	kg/L	0.8385	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.