

PRODUCT DESCRIPTION

Ultra Fuel Economy 5W-20 is a fully synthetic, Resource Conserving engine oil formulated for use in modern gasoline engines, requiring an API SN & ILSAC GF-5 oil. Its low HTHS ≥ 2.6 cSt (High Temperature High Shear) property delivers optimum fuel efficiency. The product aids in the durability of emission control systems. Provides an exceptional wear protection and keeps engine clean, putting your engine at tip top condition.



Ultra Fuel Economy 5W-20 is enhanced with unique anti-friction technology, ZFM™ (Zero Friction Molecular) from synthetic basestocks (including PAO), to considerably reduce friction and wear of highly loaded engine parts that are exposed to intensive duty cycles and high operating temperatures. Thermally stable which prevents premature oil thickening, enabling your vehicle to achieve maximum performance.

APPLICATION

Recommended for all types of gasoline fueled engine requiring a viscosity grade of SAE 5W-20, Resource Conserving engine oil. For modern passenger cars, vans, CUVs, SUVs, and all other vehicles operating under severe urban conditions where “Stop-Start” modes are typical. Optimal choice for high-tech engines running on

WARRANTY

Ultra Fuel Economy 5W-20 meets or exceeds the OEM’s warranty requirements of gasoline vehicles where API SN/SM/SL and ILSAC GF-5 oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Improved fuel economy**
Its low viscosity level helps increase the engine efficiency and improves fuel economy (up to 4%) compared with higher viscosity grades oils. Contributes in the reduction of harmful emissions to meet the most stringent modern environmental standards.
- **Maximized engine durability**
The use of ZFM™ antifriction technology effectively reduces wear of parts, operating under boundary lubrication, which contributes to increase in overall service life of engine.
- **Reduced maintenance costs**
The balanced formulation with excellent stability and excellent anti oxidation properties allow extended drains and less annual maintenance.
- **Compatibility with emission control systems**
The low content of phosphorus and ash contributes to the long life of the three-component catalytic converters (TWC).
- **Optimum savings**
The combination of fuel economy and engine life longevity help consumers to save money.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN, Resource Conserving
- ILSAC GF-5
- Ford WSS-M2C945-A
- Chrysler MS 6395
- Fiat 9.55535-CR-1

Suitable for use in various OEMs such as FORD, HONDA, HYUNDAI, KIA, and others requiring a SAE 5W-20, API SN, ILSAC GF-5 and Resource Conserving oil. Backward compatible to FORD WSS-M2C930-A.

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-20	SAE J300
Kinematic viscosity at:			
40 °C	cSt	42.99	ASTM D445
100 °C	cSt	7.82	ASTM D445
Viscosity index	-	154	ASTM D2270
Cranking viscosity at -30°C	mPa-s	4184	ASTM D5293
Color	-	2.0	ASTM D1500
Flash point	°C	244	ASTM D92
Pour point	°C	-42	ASTM D97
Density at 30 °C	kg/L	0.8400	ASTM D4052
Total Base Number	mg KOH/g	7.37	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.