

PRODUCT DESCRIPTION

Fine Gasoline 15W-40 is a high-performance all season engine oil for modern and older generation gasoline vehicles. Formulated with excellent quality components to provide superior wear resistance in severe operating driving conditions. Ensures optimum sludge and deposit control, good high temperature oxidation stability and good oil film thickness for an extended engine life. Formulated to protect engine against low-speed pre-ignition (LSPI).



Fine Gasoline 15W-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. High viscosity index to improve engine efficiencies and smoother acceleration in variety of driving conditions.

APPLICATION

Recommended for all types of gasoline fueled engines requiring a viscosity grade of SAE 15W-40 API SP engine oil. For passenger cars, vans, CUVs, SUVs, light duty trucks and other vehicles fitted with recent gasoline engines. Helps protect engines operating on E85 fuels. Can be used in diesel engines requiring API CF oils.

Backward compatible to API SN PLUS, API SN/CF and older API levels.

WARRANTY

Fine Gasoline 15W-40 meets or exceeds the OEM's warranty requirements of gasoline vehicles where API SP oil is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **High Performance**
Excellent deposit control in high operating temperature conditions to maintain high engine power and performance.
- **Longer Engine Life**
Superior wear resistance in engine operating in wide variety driving conditions.
- **Cleaner Engine**
Superior sludge control, minimizes deposits formation, prevents varnish, good anti-rust, and anti-corrosion to ensure maximum engine oil life.
- **Lower maintenance costs**
Contains active components to control all deposit and sludge formation, making the maintenance cost lower versus the older 15W40 specifications.
- **Compatibility with ECS (Emission Control System)**
The low content of phosphorus and ash contributes to the long life of the three-component catalytic converters (TWC).



MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SP
- API SN PLUS
- API SN/CF

Suitable for use in various OEMs such TOYOTA, HONDA, NISSAN, and other OEMs requiring a SAE 15W-40 API SP engine oil.

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	-	15W-40	SAE J300
Kinematic viscosity at: 40 °C	cSt	106.80	ASTM D445
100 °C	cSt	14.37	ASTM D445
Viscosity index	-	138	ASTM D2270
Cranking viscosity at -20°C	mPa-s	4977	ASTM D5293
Color	-	L2.0	ASTM D1500
Flash point	°C	254	ASTM D92
Pour point	°C	-33	ASTM D6892
Density at 30 °C	kg/L	0.8580	ASTM D4052
Total Base Number	mg KOH/g	7.20	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.