

PRODUCT DESCRIPTION

Fine Gasoline 20W-50 is an all-weather, multigrade engine oil for four cycle gasoline engines of passenger cars and commercial vehicles, operating in hot climate conditions or with high loads. The product is manufactured with high quality base stocks and a unique additives package, providing stability of oil under extreme loads and high operating temperatures.

Fine Gasoline 20W-50 possesses excellent shear stability, hence providing robust protection of highly loaded engine parts operating under boundary lubrication. The product promotes decrease of carbon emission and oil loss in engines with high mileage.

APPLICATION

- The product is recommended to provide highly effective protection of gasoline engines of passenger and commercial vehicles in severe operating conditions with extremely high loads, when oil has no sufficient time to cool.
- Fine Gasoline 20W-50 is a perfect choice for use in gasoline engines with multivalve train, equipped with supercharge or other hi-tech devices to increase performance, and for high mileage engines having considerable carbon emission and burnout of oil.
- The product can be used in high output four cycle engines of sports cars or motorcycles with dry clutch.

WARRANTY

Fine Gasoline 20W-50 meets or exceeds the OEM's warranty requirements of gasoline vehicles where API SL oil is required. TOTACHI[®] guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- The unique additives package effectively reduces wear of critical engine parts working under boundary lubrication and contributes to maximizing application durability.
- The balanced formulation features excellent stability and anti-oxidizing performance, that allows to operate vehicles under high loads or in hot climate conditions.
- Fine Gasoline 20W-50 provides high protection of engines, contributing to maximize performance of engine.

MEETS SPECIFICATIONS & REQUIREMENTS OF:

- API SL

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	-	20W-50	SAE J300
Kinematic viscosity at: 40 °C	cSt	172.00	ASTM D445
100 °C	cSt	18.79	ASTM D445
Viscosity index	-	123	ASTM D2270
Cranking viscosity at -15°C	mPa-s	8148	ASTM D5293
Color	-	2.0	ASTM D1500
Flash point	°C	272	ASTM D92
Pour point	°C	-27	ASTM D6892
Density at 30 °C	kg/L	0.8657	ASTM D4052
Total Base Number	mg KOH/g	5.68	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.