

Grand Racing

5W-50

PRODUCT DESCRIPTION



Grand Racing 5W-50 is a 100% synthetic premium engine oil for use in modern low emission four cycle diesel and gasoline engines of passenger cars and light commercial vehicles which require Low SAPS type with limited levels of

maintenance of sulfur, phosphorus and ash.

The product is manufactured using the unique antifriction technology ZFM™ from synthetic base oils (including PAO), possessing excellent stability and a high viscosity index.

Grand Racing 5W-50 possesses outstanding protective properties, minimizes wear of parts in operations with extremely high loads. The product maintains engine cleanliness, effectively prevents formation of varnish, burnout and low-temperature deposits. Grand Racing 5W-50 is fully compatible with three way catalytic converters (TWCs).

APPLICATION

- The product is recommended for highly effective protection of engines of passenger cars and commercial vehicles in severe duty operation with extremely high loads when oil has no sufficient time to cool.
- Grand Racing 5W-50 perfectly suits for engines with high mileage, having the high burnout of oil. It is also suits for engines which require oils with previous Service Categories API SM or SL.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		5W-50	
Kinematic viscosity at:			
40 °C	cSt	112.5	ASTM 445
100 °C	cSt	18.19	ASTM 445
Flash point	°C	228	ASTM D92
Pour point	°C	-42	ASTM D97
Density at 30 °C	Kg/l	0.8490	ASTM D4052
Dynamic viscosity at -30°C, CCS	cPs	5514	ASTM D5293
Total Base Number, TBN	mgKOH/g	7.62	ASTM D2896
Viscosity index		180	ASTM D2270
Color		L3.0	ASTM D1500

CUSTOMER BENEFITS

- Application of ZFM™ antifriction technology contributes to minimizing friction; while the high viscosity index guarantees excellent oil pumpability at low temperatures thus providing reliable protection for operation and cold starts in any climatic conditions.
- Grand Racing 5W-50 has excellent stability to high-speed shear, excellent stability and outstanding anti-oxidizing performance, provides maximum protection of engines at ultimate loads and high operating temperatures.
- The product meets requirements of “Low SAPS” oils in terms of sulfur, phosphorous and sulfated ash limits, as well as it contributes to minimizing emission that is necessary to comply with the latest stringent environmental standards.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN/CF;
- ACEA A3/B4.

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

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Cans, packed in cardboard boxes, must be stored in dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors on pallets and racks.
- If stored outdoors drums should be placed sidewise to avoid accumulation of moisture.

HEALTH, SAFETY AND 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.

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