



TAKAYAMA

ENGINE OIL TAKAYAMA SAE 5W-20



Description Modern synthetic energy-saving engine oil TAKAYAMA SAE 5W-20 is intended for heavy-duty gasoline motors. Recommended for use in turbine and atmospheric motors of passenger cars and off roaders. Provides smooth motor start and fuel saving and high resistivity to oxidation process. It meets last requirements in environment pollution. Recommended as all-seasonal engine oil.

Specifications API SN, ILSAC GF-5

Bottling types 1 L, 4 L

User's Manual To be used in line with recommendations by motor vehicles manufacturer.

Safety Handle with care. Combustible liquid. Hold away from ignition sources. Can lead to eyes and skin irritation. Use PPE, when operating with product. Avoid oil contact with skin and eyes. After contact, thoroughly wash hands with soap. Keep away from children and animals.

Ecology and disposal Prevent oil ingress to soil, water and sewage. Dispose to specially allotted places.

Warranty Guaranteed storage term of TAKAYAMA engine and transmission oils: 5 years from manufacturing date at Manufacturer's plant, in Manufacturer's tare.

Storage To be stored in factory package on racks, trays and stacks in closed storage facilities or under shed in well ventilated places protected from direct sunlight and atmospheric precipitations, away from ignition sources. Tare shall be installed caps up.

Characteristics

INDEXES	METHOD	VALUE
Viscosity @ 40°C, mm ² /s	ASTM D445	48,78
Viscosity @ 100°C, mm ² /s	ASTM D445	8,69
Viscosity index	ASTM D2270	154
Viscosity, MPa*s, at minus 30°C, not more	ASTM D5293	4800
Pour point, °C, not more	ASTM D97	Minus 39
Flash point, °C, not less	ASTM D92	240
Evaporation losses (Noack), %, not more	ASTM D5800	8,9
Base number, mg KOH/g, not less	ASTM D2896	8,80
Density @ 15°C, g/cm ³	ASTM D4052	0,8550



Manufacturer:
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