



# TAKAYAMA

## ENGINE OIL TAKAYAMA SAE 5W-30



**Description** Modern synthetic energy-efficient engine oil for heavy duty gasoline motors. It is fit for use in turbine and atmospheric gasoline motors of passenger cars and offroaders. It prevents sediment formation inside of motor, decreases friction and parts wear. It meets last requirements on emissions to environment. It is recommended for all-seasons use.

**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 <sup>2</sup> /s	ASTM D445	69,0
Viscosity @ 100°C, mm <sup>2</sup> /s	ASTM D445	11,55
Viscosity index	ASTM D2270	165
Viscosity, MPa*s, at minus 30°C, not more	ASTM D5293	5160
Pour point, °C, not more	ASTM D97	Minus 40
Flash point, °C, not less	ASTM D92	247
Evaporation losses (Noack), %, not more	ASTM D5800	8,7
Base number, mg KOH/g, not less	ASTM D2896	8,08
Density @ 15°C, g/cm <sup>3</sup>	ASTM D4052	0,8507



**Manufacturer:**  
Japan Chemical Innovations  
Corporation K.K., Toranomon 40MT Bldg.7F,  
5-13-1 Toranomon, Minato-ku, Tokyo, Japan  
[www.takayama-oil.co.jp](http://www.takayama-oil.co.jp)

**Branch:**  
"Japan Chemical Innovations Corporation",  
101D, 108, Mira Prospect, Moscow, 129085  
Phone: +7 (495) 665-20-44  
E-mail: [info@takayama-oil.ru](mailto:info@takayama-oil.ru)

**JCI Corporation, Japan**