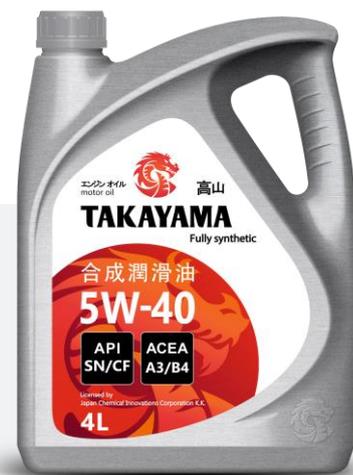




# TAKAYAMA

## Motor oil TAKAYAMA SAE 5W-30 API SN/CF



<b>Description</b>	TAKAYAMA SAE 5W-30 API SN/CF C3 fully synthetic multigrade motor oil is made for use in gasoline engines in passenger cars, including those with turbocharging and exhaust gas aftertreatment systems. It is suitable for use in diesel engines of light trucks. High-quality base oils and a multi-functional additives package provide quick and easy engine start at low temperatures, excellent engine protection against wear, extended service interval, and prevents the formation of deposits. The oil protects emission control systems by helping to keep diesel particulate filters clean.
<b>Specifications</b>	API SN/CF; ACEA A3/B4; MB 229.3; VW 502.00/505.00; RN 0710/0700; Porsche A40; OPEL A/B; JASO MA2
<b>Bottling types</b>	1L, 4L
<b>User's manual</b>	To be used in line with recommendations by motor vehicles manufacturer.
<b>Safety</b>	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.
<b>Ecology and disposal</b>	Prevent oil ingress to soil, water and sewage. Dispose to specially allotted places.
<b>Warranty</b>	Guaranteed storage term of TAKAYAMA engine and transmission oils: 5 years from manufacturing date at manufacturer's plant, in manufacturer's tare.
<b>Storage</b>	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.

## Physicochemical characteristics

NAME OF CHARACTERISTIC	METHOD	VALUE
Density at 15 ° C, g / cm <sup>2</sup>	ASTM D4052	0,8496
Kinematic viscosity at 100 ° C, mm <sup>2</sup> / s	ASTM D445	11,60
Kinematic viscosity at 40 ° C, mm <sup>2</sup> / s	ASTM D445	69,80
Viscosity index	ASTM D2270	162
Dynamic viscosity CCS at - 30 ° C, MPa * s, not more than	ASTM D5293	5880
Alkaline number, mg KOH / g, not less	ASTM D2896	7,65
Noack volatility,% no more	ASTM D5800	9,90
Flash point, ° C, not lower	ASTM D92	232
Pour point, ° C, not higher	ASTM D97	- 40

Presented properties are typical for the current products. Due to ongoing research and development, the information contained in this document can be changed.



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