



# MOTOR OIL API: SM

## FULLY SYNTHETIC

Magic Plus API: SM synthetic lubricant is designed to provide protection against wear, sludge, and deposit formation. This multi-grade oil meets the API quality requirement (SM) for gasoline engine passenger cars, sport utility vehicles, minivans, and light trucks. This oil is designed to provide improved oxidation resistance, improved deposit protection, better wear protection, and better low-temperature performance over the life of the oil.

### Features & Benefits:

- Designed to flow at low temperatures to get to vital engine parts quickly
- Resists oxidation thickening to maintain proper flow under severe operating conditions
- Provides excellent deposit and wear protection
- Improved fuel economy
- Excellent oxidation resistance
- Optimal engine operating temperature, owing to thermal control formula

### Applications:

Recommended for gasoline-fueled automobiles and light-duty trucks requiring an API Service Category SM/CF.

### Specifications, Approvals & Recommendations: (Meets / Exceeds)

- API: SM/CF
- ACEA A3/B3
- ACEA A1/B1 (HTHS <3.5)
- MB 229.3
- VW 502 00 / 505 00
- Renault RN0700 / RN0710

### Technical Data:

Parameters	ASTM	Unit	Typical Results				
			0W-20	5W-20	0W-30	5W-30	5W-40
Viscosity Grade			<b>0W-20</b>	<b>5W-20</b>	<b>0W-30</b>	<b>5W-30</b>	<b>5W-40</b>
Viscosity @ 104 °F / 40 °C	D-7042	cSt	44.7	47.3	64	66.95	89.9
Viscosity @ 212 °F / 100 °C	D-7042	cSt	8.5	8.9	11.5	11.5	14.9
Viscosity Index	D-2270		171	162	117	168	175
Density @ 60 °F / 15 °C	D-4052	g/cm <sup>3</sup>	0.845	0.850	0.843	0.851	0.851
Flash Point (min)	D-92	°C	230	232	230	234	234
Pour Point (min)	D-97	°C	-42	-42	-42	-42	-42
TBN	D-2896	mg KOH/g	7.2	7.2	7.2	7.2	7.2

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website [magicplusoil.net](http://magicplusoil.net)

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