



## Product Description

---

GRANTT STELLAR 8000 SAE 0W-20 is a fully synthetic motor oil designed with KNOCK GUARD™ Technology that meets the latest API SN PLUS specification to address concerns about Low Speed Pre-Ignition (LSPI) in a growing fleet of turbocharged vehicles, emission protection and fuel efficiency improvement.

GRANTT STELLAR 8000 SAE 0W-20 is formulated with specially designed additives to protect against LSPI and Timing Chain Wear resulting from high compression conditions occurs in GDI and TGDI engines. This product also delivers excellent low temperature performance whilst retaining viscosity benefits at high operating temperatures. It is engineered to reduce wear, improve oxidation stability and prevent severe engine knocking.

<b>Application</b>	GRANTT STELLAR 8000 SAE 0W-20 is ideal for all types of modern passenger cars and latest high performance cars fitted with direct fuel injections, multi-valves, turbochargers or superchargers operating under most severe conditions which require API SN PLUS performance and below. Please consult vehicle's manual on the suitability of using this lubricant product.
--------------------	---

<b>Benefits</b>	<ul style="list-style-type: none"><li>• KNOCK GUARD™ Technology provides protection against LSPI in GDI/ TGDI engine.</li><li>• Outstanding wear protection to control sludge and varnish deposits under a mixture of low &amp; moderate temperature during light and medium operating conditions.</li><li>• Advanced dispersant and detergent system that improve engine and piston cleanliness for efficient engine performance</li><li>• Excellent antioxidant system to control oil thickening to give better flow to critical parts throughout the oil drain interval.</li><li>• Ultimate protection during cold engine start-up.</li><li>• Superb fuel economy performance.</li><li>• Robust protection on catalyst in emission system.</li></ul>
-----------------	---

# GRANTT STELLAR 8000 SAE 0W-20



## Specifications

---

- Meets API SN PLUS

## Typical Properties

---

Test	Method	Typical Results
SAE Viscosity Grade	J300	SAE 0W-20
API Service Category		API SN
Density @30°C, kg/l	ASTM D4052	0.8376
Kinematic Viscosity @40°C, cSt @100°C, cSt	ASTM D7042 ASTM D7042	45.1 8.6
Viscosity Index	ASTM D2270	170
Low Temperature Viscosity (cP) at Temperature (°C), Max	ASTM D5293	MAX 6200 @ -35
Flash Point, °C, Min	ASTM D92	220
Pour Point, °C, Min	ASTM D97	-45
Total Base Number, mgKOH/g	ASTM D2896	8.0