



## Product Description

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GRANTT STELLAR 8000 SAE 0W-20 is a fully synthetic motor oil designed with KNOCK GUARD™ Technology that meets the latest API SN PLUS and ILSAC GF-5 specifications 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 to protect against severe engine knocking.

<b>Application</b>	GRANTT STELLAR 8000 SAE 0W-20 is ideal for all types of modern and latest passenger cars fitted with direct fuel injections, multi-valves, turbochargers or superchargers operating under most severe conditions which require API SN PLUS and ILSAC GF-5 performance and below. Please consult vehicle's manual on the suitability of using this product.
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<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 in a wide range of operating conditions.</li><li>• Advanced dispersant and detergent system that improve engine and piston cleanliness.</li><li>• Excellent antioxidant system to control oil thickening 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>
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# GRANTT STELLAR 8000 SAE 0W-20



## Specifications

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- Meets API SN PLUS
- Meets ILSAC GF-5

## Typical Properties

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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