



## Product Description

---

Grantt Quasar SAE 10W-40 is a synthetic blend diesel engine oil, specially formulated to fulfill the application needs of trucks, fleets and machineries operating in various conditions. With this new breakthrough technology, Grantt Quasar SAE 10W-40 is able to deliver outstanding protection from engine wear, maintaining engine power over a longer oil drain interval in most extreme conditions and protecting the Exhaust Gas Recirculation (EGR) in low emission engine.

<b>Application</b>	GRANTT QUASAR SAE 10W-40 is suitable for all types of vehicles and machineries requiring SAE 10W-40 grade, API CI-4/SL performance level and Original Equipment Manufacturers (OEMs) as recommended. It is very suitable for four wheel drives (4WD), sport utility vehicles (SUVs), light and heavy duty trucks and heavy duty machineries and equipment in construction, mining and agriculture.
--------------------	--

<b>Benefits</b>	<ul style="list-style-type: none"><li>• Optimum capability to stay in grade for longer oil drain interval.</li><li>• Exceptional protection against deposits, sludge and varnish during extremely high thermal stress and stop-start driving to maintain power over a longer oil drain interval.</li><li>• Superior wear protection and engine cleanliness due to excellent soot control</li><li>• Excellent Oxidation Control and Nitration Resistance for longer engine oil life.</li><li>• Ultimate protection to bearing, ring or liner.</li><li>• Improved oil consumption leads to maintenance and oil cost savings.</li></ul>
-----------------	--

## Specifications

---

- API CI-4/SL
- ACEA E7
- MAN M3275
- MB 228.3
- Volvo VDS-3
- Deutz III
- MTU 2.0
- Mack EO-M+
- Mack EO-N
- JASO DH-1
- Caterpillar ECF-1a
- Caterpillar ECF-2
- Cummins CES 20077/20078
- Renault RLD-2
- Global DHD-1
- DDC 93K215

**Typical Properties**

---

Test	Method	Typical Results
SAE Viscosity Grade	J300	SAE 10W-40
API Service Category		API CI-4
Density @30°C, kg/l	ASTM D4052	0.8528
Kinematic Viscosity @40°C, cSt	ASTM D7042	100.2
@100°C, cSt	ASTM D7042	15.0
Viscosity Index	ASTM D2270	157
Flash Point, °C, Min	ASTM D92	220
Pour Point, °C, Min	ASTM D97	-36
Low Temperature Viscosity (cP) at Temperature (°C), Max	ASTM D5293	MAX 7000 @ -25
Total Base Number, mgKOH/g	ASTM D2896	10.4