

GL-1

SAE 90 / 140

Product Description

GL-1 is a multipurpose automotive gear oil. It is formulated from high quality base oil and additive. It provides good gear protection reduces foaming and sludge formation. Suitable for gear box of agricultural equipment and multi-purpose gear box.

Benefits

- Provides good film strengths, reduces friction attacking force
- Protects against rust and corrosion, reduces internal heat generating
- Prolongs oil service life

Applications

- Recommended for gear systems of agricultural machines, multi-purpose gear boxes and automotive gear boxes required API GL-1.

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Typical Characteristics

Test	Method	Units	Results	
			90	140
Density at 15 °C	ASTM D 4052	g/cm ³	0.893	0.902
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	187.4	514.2
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	16.7	31.9
Viscosity Index	ASTM D 2270		96	96
Flash Point (COC)	ASTM D 92	°C	288	312
Pour Point	ASTM D 5950	°C	-9	-12

Performance Standards

- API GL-1

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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