



Pure Mineral Gear Oil GL-1

R&O Compressor Oils

Pure Mineral Gear Oil GL-1 are light colored, low viscosity oils designed for non-critical applications such as concrete form release oil, process oil, light duty low pressure hydraulic oil, flushing oil, floor preservative oil and a conditioner for wooden shingles and shakes.

Pure Mineral Gear Oil GL-1 lubricant has good film strength and rust inhibitors to guard gears and bearings. It also has strong oxidation resistance to help minimize deposit formation, and good resistance to foaming.

Product Features:

- Pure mineral gear oil is made from high quality mineral oil and selected inhibitors.
- Friction modifiers and extreme pressure agents are not employed in GL-1 oils.

Customer Benefits:

- Utilizes high quality, solvent refined base oils
- Additives are incorporated to provide a degree of oxidation, corrosion, and foam inhibition.
- Designed for some manually operated transmissions and gears operating under mild conditions.

Applications:

- Recommended for use in certain transmissions, final drives, and miscellaneous applications in hydraulic systems, gear cases, and mobile equipment where GL-1 and/or straight mineral oil and specified by the manufacturer.
- **NOT** Recommended for hypoid axles and other applications requiring an extreme pressure lubricant for GL-5 service.



Typical Properties

Pure Mineral Gear Oil GL-1

Product Number	231D	233B	237	Test Method
SAE Grade	90	140	250	-
API	28.0	27.4	23.6	-
Flash Point °C (°F)	262.8 (505)	287.8 (550)	287.8 (550)	ASTM D97
Pour Point °C (°F)	-12 (10)	-9 (15)	-1 (30)	ASTM D97
Color	6.0	6.5	7.0	ASTM
Viscosity@100°C cSt	19	32	43	ASTM D445
Viscosity@40°C cSt	226	480	1095	ASTM D445
Viscosity@100°F SUS	1200	2580	6050	-
Viscosity@210°F SUS	97	157	212	-
Viscosity Index (VI)	94	97	97	ASTM D2270

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website.

www.royalmfg.com or call (918)-584-2671.

Packaging options:



55 Gal. Drums



275/300 Gal. Totes



>2,000 Gal. Bulk