

Product Information: Absolute PG 00

Description

Absolute GL 00 is a synthetic, semi-fluid gear lubricant developed to meet extreme requirements of industrial gearboxes allowing long life problem free operation. The product incorporates a lithium-based thickener system and high quality synthetic polyglycol base fluid, offering increased lubricity and protection under high load conditions. The product offers exceptional load carrying capabilities and excellent sealing characteristics leading to vastly reduced top ups. The product also offers lower start-up torque, promoting component protection under start-up conditions, reduced power consumption and lower bulk lubricant temperature.

Applications

Absolute PG 00 is intended for use in gear units, which are subjected to high loads and contamination due to the potential ingress of liquid or solid matter. Units filled with Absolute PG 00 may be considered “sealed for life”.

Performance Features

- Lithium thickener system
- Fill for life capabilities
- Reduced power consumption
- Reduced lubricant leakage
- Exceptional load carrying capabilities
- Protects gear teeth under start-up
- Compatible with conventional seal materials

Typical Data

Characteristic	Unit	Result	Method
NLGI Grade	-	00	-
Thickener Type	-	Lithium	-
Worked Penetration, 60 strokes	1/10 th mm	415	ASTM D217A
Colour	-	Green	Visual
Dropping Point	°C	177 min	ASTM D2265
Timken OK Load	N	78	IP 236
Copper Corrosion	-	1b	ASTM D4048
Base Oil Viscosity @ 40°C	cSt	141	ASTM D445
Base Oil Viscosity @ 100°C	cSt	22.0	ASTM D445
Operating Temperature Range	°C	-30 to +135	-

Figures based on average production values