

Product Data Sheet

Product Description

Petron Open Gear Lube 585 W is a viscous, semi-fluid, lubricant designed specifically for use in Arctic temperatures. OGL 585W provides maximum protection to open gears on shovels, drag lines, and associated mining equipment in all conditions. OGL 585 W provides superior, proven cold temperature pump ability coupled with nanotechnology to assure maximum protection of components. Open Gear Lube 585 W is the newest generation in a proven family of open gear lubricants. Open Gear Lube 585 W is designed to be applied through all automatic lubrication equipment. Open Gear Lube 585 W does not contain chlorinated solvents.

Features & Benefits

- High Viscosity Fluid designed to lubricate heavily loaded open gears and extend component life while reducing consumption.
- Solid and organo-metallic anti-wear and extreme pressure additives provide unparalleled protection in the most heavily loaded zones of gear tooth mesh.
- Lubricant is recommended for use in ambient temperatures ranging from -40°F (-40°C) to 32°F (0°C). For applications above 32°F (0°C) use Open Gear Lube 585NC or 595 NC.
- Lubricant resists wash-off in rain and snow.
- Environmentally friendly. Does not contain chlorinated solvents or lead and is free of all carcinogens.

Product Application

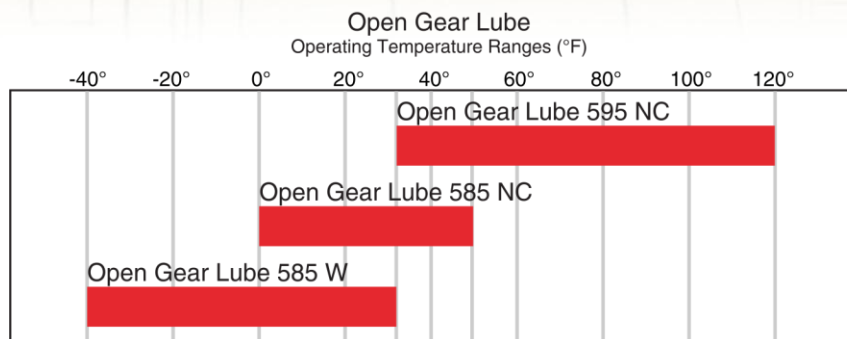
Petron Open Gear Lube 585 W is designed to lubricate open gears on shovels, drag lines, and associated mining equipment operating in cold-weather climates. Open Gear Lube 585 W may be applied by spraying, brushing, or dripping. Open Gear Lubricant 585 W is designed to be applied through all automatic lubrication equipment.

Petron Open Gear Lube 585 W is available in pails, kegs, drums, bin tanks, and tank truck.

Notes

Petron Open Gear Lube 585 W exceeds OEM base oil viscosity requirements for open gear lubricants on shovels and draglines.

If you require further information contact Petron at: info@petroncorp.com



OPEN GEAR LUBE 585 W

Property	Test Method	Typical Data
Color	Visual	Black
Appearance	Visual	Viscous, Semi-Fluid
Specific Gravity	ASTM D-1298	0.98
Flash Point	ASTM D-92 (C.O.C.)	302°F (150°C)
4 Ball EP	ASTM D-2596	
Weld Point (Kg)		400
Load Wear Index (Kg)		53
4 Ball Wear	ASTM D-2266	
Scar Diameter (mm)		0.4
Rust	ASTM D-1743 48 hrs. @ 52°C	PASS
Ventmeter (psi)	Lincoln VE-1	
@ -30°F (-34°C)		600 @ 225 sec.
@ -40°F (-40°C)		600 @ 800 sec.
Operating Temperature Range		-40°F (-40°C) to 32°F (0°C)
Base Oil Viscosity	ASTM D-445	
cSt @ 100°C		540

IMPORTANT: Before using Open Gear Lube 585 W, always be sure to read and follow precautions and directions for use appearing on the product container.