

Product Data Sheet

Product Description

Petron Open Gear Lube 595 NC is a viscous, semi-fluid, lubricant designed to lubricate open gears on shovels, drag lines, and associated mining equipment under all conditions. Open Gear Lube 595 NC is the newest generation in a proven family of open gear lubricants. Open Gear Lube 595 NC is designed to be applied through all automatic lubrication equipment. Open Gear Lube 595 NC 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 32F (0°C) and above. For applications below 32°F (0°C) use Open Gear Lube 585 NC or 585 NCW.
- 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

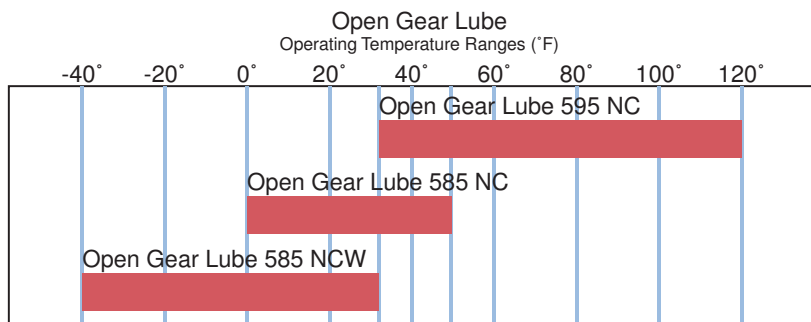
Petron Open Gear Lube 595 NC is designed to lubricate open gears on shovels, drag lines, and associated mining equipment under all conditions. Open Gear Lube 595 NC may be applied by spraying, brushing, or dripping. Open Gear Lubricant 595 NC is designed to be applied through all automatic lubrication equipment.

Petron Open Gear Lube 595 NC is available in pails, kegs, drums, bin tanks, and tank truck.

Notes

Petron Open Gear Lube 595 NC 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 595 NC

Property	Test Method	Typical Data
Color	Visual	Black
Appearance	Visual	Viscous, Semi-Fluid
Specific Gravity	ASTM D-1298	1.0
Flash Point	ASTM D-92 (C.O.C.)	>200°F (>93°C)
4 Ball EP	ASTM D-2596	
Weld Point (Kg)		400
Load Wear Index (Kg)		65
4 Ball Wear	ASTM D-2266	
Scar Diameter (mm)		0.5
Timken OK Load (Lbs)	ASTM D-2509	45
U.S. Steel Retention		
	USS-1RT @ 33 lbs	PASS
	USS-1RT @ 43 lbs	PASS
Rust	ASTM D-1743 48 Hr. @ 52°C	PASS
Ventmeter (psi)	Lincoln VE-1	
@ 32°F (0°C)		450 @ 30 sec.
Operating Temperature Range		32°F (0°C) and Above
Base Oil Viscosity	ASTM D-445	
SUS @ 210°F		2,600
cSt @ 100°C		540

IMPORTANT: Before using Open Gear Lube 595 NC, always be sure to read and follow precautions and directions for use appearing on the product container.