

# 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. OGL 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.

## Features & Benefits

- Ultra 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 32°F (0°C) and above. For applications below 32°F (0°C) use Open Gear Lube 585 NC or 585 W.
- Lubricant resists wash-off in rain and snow.
- Environmentally friendly.

## Product Application

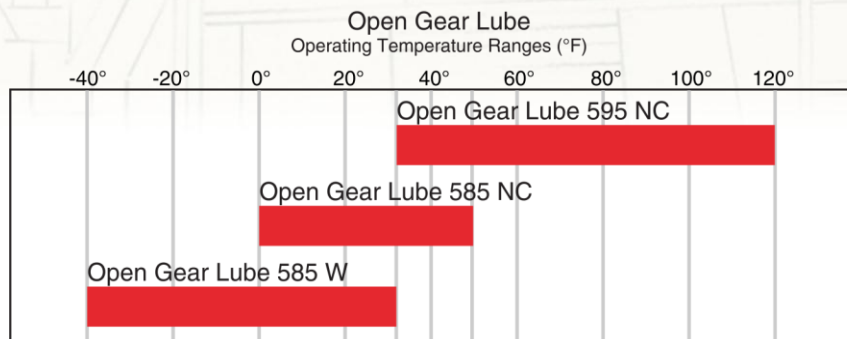
Petron Open Gear Lube 595 NC is designed to lubricate open gears on shovels, drag lines, and associated mining equipment under all conditions. Open Gear Lube 595 NC may be applied by spraying, brushing, or dripping. Open Gear Lube 595 NC is designed to be applied through all automatic lubrication equipment.

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](mailto: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, Scar Diameter (mm)	ASTM D-2266	0.5
Timken OK Load (lbs)	ASTM D-2509	45
U.S. Steel Retention	USS-1RT @ 33 lbs USS-1RT @ 43 lbs	Pass Pass
Rust	ASTM D-1743	Pass
Ventmeter @ 32°F (0°C)	Lincoln	450 psi @ 30 seconds
Base Oil Viscosity, cSt @ 100 °C	ASTM D-445	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.**