



OPEN GEAR LUBE 585NC

Open Gear Lubricant

Product Data Sheet

Product Description

Petron Open Gear Lube 585NC is a non-polymer, viscous, semi-fluid lubricant designed to lubricate open gears and pins on shovels, drag lines, and associated mining equipment under all conditions. Open Gear Lube 585NC is part of a proven family of open gear lubricants and is designed to be applied through all automatic lubrication equipment.

Features & Benefits

- High Viscosity Fluid designed to lubricate heavily loaded open gears and pins extending 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 and pins.
- Open Gear Lube 585NC is typically used in ambient temperatures ranging from 0°F (-18°C) to 50°F (10°C). For applications above 50°F use Open Gear Lube 595NC and applications below 0°F (-18°C) use Open Gear Lube 585W.*
- Lubricant resists wash-off in rain and snow, peeling in dusty environments and clings tenaciously to gear teeth in vertical position.
- Doesn't use polymers to attain its high viscosity.
- Environmentally friendly.

Product Application

Mining applications include all types of open gears, rails and rollers, racks and pinions, dipper sticks, pins and bushings and other slides used in mining and excavating equipment.

Petron Open Gear Lube 585NC may be applied by spraying, brushing, or dripping. Open Gear Lube 585NC is designed to be applied through all automatic lubrication equipment. Petron Open Gear Lube 585NC is available in pails, kegs, drums, bin tanks, fluid bags, and tank truck.

Notes

Petron Open Gear Lube 585NC exceeds OEM base oil viscosity requirements for open gear lubricants and pin lubrication on shovels and draglines. Petron Open Gear Lube 585NC is not intended for general use in bushings and bearings except in slow moving, heavily loaded applications.

*Please contact your Petron Service Representative for recommendations in your specific environment.

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



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Property	Test Method	Typical Data
Color	Visual	Black
Appearance	Visual	Viscous
Base Oil Viscosity, cSt @ 40 °C	ASTM D445	50,000
Specific Gravity	ASTM D1298	0.99
Flash Point	ASTM D92 (C.O.C.)	>302°F (>150°C)
4 Ball, Weld, kg	ASTM D2596	400
Ventmeter, 600 psi	Lincoln VE-1	0°F @ < 30 seconds
Rust Prevention	ASTM D1743	Pass

In extremely cold weather conditions it is important that you are able to slow down the actuation of the pump and extend out the fault timers in order to be successful as you approach extreme cold conditions. You must also make sure vent meter reading in seconds as posted on PDS are acceptable for the injector model and machinery you plan to lubricate. The published vent time, when added to the required time to reach system pressure must be less than the cycle time set on the PLC of the auto lube system. Injector blocks should be as close as possible to site of application.

Testing listed is typical, no warranty is expressed or implied regarding results obtained from use. Information contained on this Product Data Sheet is subject to change without notification. Before using product name, always be sure to read and follow precautions and directions for use appearing on the product container. Seller shall not be liable for any loss or damage.