CHEVRON OPEN GEAR LUBRICANT
100 NC, 250 NC, 800 NC

PRODUCT DESCRIPTION

Chevron Open Gear Lubricants are formulated to minimize wear and provide shock load protection during typical operations.

CUSTOMER BENEFITS

Chevron Open Gear Lubricants deliver value through:

- **Low environmental impact** — The carrier solvent contained in Chevron Open Gear Lubricant is a non-ozone depleting diluent. Chevron Open Gear Lubricants also pass the EPA's Toxicity Characteristic Leaching Procedure (TCLP) test.
- **Long equipment life** — High film strength provides excellent anti-wear protection to gear teeth under high, shock load conditions.
- **Ease of application** — Easily applied with brushes, swabs or through automatic lubrication systems.

FEATURES

Chevron Open Gear Lubricants are black, viscous lubricants formulated with an asphaltic base and diluted with a non-chlorinated solvent for easy application by hand or through automatic lubrication systems.

They provide a high film strength coating on gear teeth to minimize wear.

Chevron Open Gear Lubricants are designed to provide tacky, tenacious lubricant films on open gears operating under severe shock load conditions.

Chevron Open Gear Lubricants contain a non-chlorinated diluent that eases the application of these lubricants onto the gears. The diluent then evaporates, leaving a tacky lubricant film on the gear teeth.

They can also be used to lubricate chains, sprockets, wire rope, and cables. When used as a cable coating, the diluent allows the lubricant to penetrate into the core, thus carrying the lubricant into the individual strands and minimizes wear as the cable is run through sheaves or onto a winch drum.

APPLICATIONS

Chevron Open Gear Lubricant 100NC meets the **Raytheon G648453** specification.

Chevron Open Gear Lubricants are recommended for many types of open gears, wire ropes, and cables.

They can be applied by brush, by swab or by automatic lubrication systems.

All grades provide lubrication for mining equipment including:

- girth and pinion gears on rod and ball mills;
- rack and pinion gears on shovel dipsticks;
- swing and pinion gears on top of the lower frame of shovels and draglines, which are sometimes served with an automatic lubrication system.

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

27 January 2017
GL-65

TYPICAL TEST DATA

	100 NC	250 NC	800 NC
Product Number	*255140*	*255141*	*255142*
SDS Number	*7088*	*7088*	*7088*
Contains Diluent[a]	Yes	Yes	Yes
Thickener Type	Asphaltic	Asphaltic	Asphaltic
Timken OK Load, ASTM D2782, lb	40	40	40
Four-Ball Weld Point, ASTM D2783, kg Wear Scar Diameter, ASTM D2266, mm	 315 0.60	 315 0.60	 315 0.57
Rust Test, ASTM D665, 24 h, Distilled Water	Pass	Pass	Pass
Viscosity, Kinematic cSt at 40°C (with diluent) cSt at 100°C (without diluent)	 445 180	 4125 800	 8375 1569
Viscosity, Saybolt SUS at 100°F (with diluent) SUS at 210°F (without diluent)	 2060 840	 19,110 3730	 38,800 7320
Low Temperature Pumpability Lincoln Ventmeter at 400 psi, °C(°F)	 -25(13)	 0(32)	 25(77)
Flash Point, °C(°F)	79(175)	83(181)	88(190)
Pour Point, °C(°F)	-23(-10)	4(40)	10(50)
Resultant Film[b]	Tacky	Tacky	Tacky
Texture	Smooth	Smooth	Smooth
Color	Black	Black	Black

a Diluent is nonchlorinated and combustible. It is also volatile, therefore it is important to keep containers tightly sealed to avoid loss.

b At normal ambient temperature 21°C to 38°C (70°F to 100°F).

Minor variations in product typical test data are to be expected in normal manufacturing.

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