



Chevron Open Gear Lubricants 250NC, 800NC

Efficient performance residual compounded oils

Product Data Sheet



Product description

Chevron Open Gear Lubricants 250NC, 800NC are efficient performance residual compounded oils formulated to offer tacky, tough stay-in-place lubricant film protection to open gears operating under severe shock load conditions.

Chevron Open Gear Lubricants 250NC, 800NC are black and viscous and formulated with an asphaltic base in combination with non-chlorinated solvent to offer easy hand or automatic system application.

Customer benefits

- Non-chlorinated solvent formulation offers low environmental impact and passes EPA Toxicity Characteristic Leaching Procedure (TCLP) test
- Tough lubricant film promotes anti-wear protection in gear teeth under severe shock loads, helping extend equipment service life
- Formulated to offer easy application with brushes, swabs, spray guns, or through automatic lubrication systems

Applications

- Chevron Open Gear Lubricants are recommended for use in many types of open gear, wire rope, and cable. They can be applied by brush, swab, spray gun, or by automatic lubrication systems
- Chevron Open Gear Lubricants contain a non-chlorinated diluent that helps ease the application of these lubricants onto gears. The diluent then evaporates, leaving a tacky lubricant film on the gear teeth
- They can 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, carrying the lubricant to the individual strands and helps reduce wear as the cable is run through sheaves or onto a winch drum

Product highlights:

- Passes EPA Toxicity Characteristic Leaching Procedure (TCLP) test
- Tough anti-wear protection
- Formulated to offer easy application

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- All grades offer 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

Typical test data

CHEVRON OPEN GEAR LUBRICANTS			
TEST	TEST METHODS	RESULTS	
Product Name		250NC	800NC
Product Code		560884	560883
Appearance	Visual	Black	Black
Texture	Visual	Semi-fluid, tacky	
Diluted ¹	-	Yes	Yes
Oil Type	-	Asphaltic	Asphaltic
Timken OK Load, lb	ASTM D2782	40	40
Four ball Weld Point, kgf	ASTM D2783	315	315
Four Ball Wear, scar diameter, mm	ASTM D2266	0.60	0.60
Rust Test, 24h, distilled	ASTM D665A	Pass	Pass
Kinematic viscosity			
- at 40°C (diluted)	ASTM D445	4125	8375
- at 100°C (without solvent)	ASTM D445	800	1569
Saybolt Viscosity			
- at 100°F (diluted), SUS	ASTM D2161	19110	38800
- at 100°F (diluted), SUS	ASTM D2161	3730	7320
Flash Point, °C	ASTM D92	83	88
Pour Point, °C	ASTM D97	4	10
Resultant film after evaporation of the solvent ²	-	Smooth, black, tacky	Smooth, black, tacky



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continued

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

¹ Diluent is nonchlorinated and combustible. It is also volatile, therefore it is important to keep containers tightly sealed to avoid loss.

² At normal ambient temperature 21°C to 38°C (70°F to 100°F)

For more information, go to www.chevronlubricants.com