Mobil

Mobiltac 50M Series

Mobil Industrial , Canada

OPEN GEAR LUBRICANT

Product Description

The Mobiltac 50M Series of premium performance open gear lubricants is designed to provide outstanding protection of heavily loaded open gears exposed to operating conditions. Mobiltac 50M is a semi-synthetic open gear lubricant containing high performance additives designed to provide an adhesive film and ex load carrying capability particularly for open gears on shovels, draglines, and associated mining equipment.

Features and Benefits

Mobiltac 50M has the following features and potential benefits:

- Very high viscosity, semi synthetic lubricant designed to extend component life in heavily loaded open gear applications
- Excellent wash-off resistance in very wet operating environments
- Solid anti-wear and extreme pressure protection of mating surfaces against damaging wear in contact zones
- Available in three grades for different ambient operating conditions.
- Mobiltac 50M Heavy is recommended for ambient temperatures >20°F (-7°C) Mobiltac 50M Light is recommended for ambient temperatures from -15°F (-26 70°F (21°C) while Mobiltac 50M Arctic is recommended for ambient temperatures <500F (10°C).
- Weld load protection > 800 kg

Applications

Mobiltac 50M is recommended for the lubrication of:

- Open gears on shovels, draglines and associated mining equipment with spray, brush or drip application
- The hoist gear on Caterpillar Mining electric rope shovels and in applications where an extra heavy open gear lubricant is desired

Typical Properties

	Mobiltac 50M Arctic	Mobiltac 50M Light	Mobiltac 50M Heavy
Color, Visual	Black	Black	Black
Appearance, Visual	Viscous Semi-Fluid	Viscous Semi-Fluid	Viscous Semi-Fluid
Specific Gravity, ASTM D-1298	1.00	1.01	1.02
Flash Point, ASTM D-92	290oF (143oC)	284°F (140°C)	300°F (149°C)
4 Ball EP Weld Point (kg) (undilute), ASTM D-2596	>800	>800	>800
Rust, ASTM D-1743	Pass	Pass	Pass
Copper Strip Corrosion, ASTM D-4048	1A	1A	1A
Ventmeter, 600 psi, Lincoln VE-1	-30°F @ <30 sec	-15°F @ <150 sec	20°F @ <30 sec
Base Oil Viscosity at 40°C, ASTM D445	50,000 cSt	50,000 cSt	50,000 cSt
Optimal Ambient Operating Temperature Range	-40°F (-40°C) to 50°F (10°C)	-15°F (-26°C) to 70°F (21°C)	20°F (-7°C) to 120°F (49°C)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommenc provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This p should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product perfor are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All produc not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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