

Mobiltac™ NC Series

Non-chlorinated open-gear lubricants



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Product features

Mobiltac™ NC Series is a range of high-performance, non-leaded, diluent-type, heavy-bodied lubricants designed for a wide variety of open gear marine applications. They can provide:

- Easy low-temperature startup
- A protective lubricating film at low temperatures
- Resistance to throw-off
- Minimised flash point and risk of fire

Typical properties*

Mobiltac NC	Mobiltac 375 NC
Appearance	Viscous, semi-fluid, black
Viscosity, ASTM D 445	
cSt @ 40°C, with diluent	5000
cSt @ 100°C, without diluent	1260
Flash Point, °C, ASTM D 92	135
Specific Gravity, °C kg/l, ASTM D 1298	0.96
Maximum Temperature Use, °C	121

Potential benefits

Mobiltac NC Series lubricants can offer:

- 1 Low equipment wear
- 2 Minimal downtime and maintenance costs
- 3 Excellent protection in wet environments

Diluent-type formulation

The lubricants contain a non-chlorinated, volatile solvent that ensures fluidity during application, even at low temperatures. Once applied, the diluent evaporates and the lubricants take on a flexible, adhesive, high-strength consistency that is maintained throughout service life. Mobiltac™ 375 NC lubricant contains a high-viscosity base oil and is recommended for use with highly loaded open gears, including those that operate at high temperatures.

Resistant to throw-off

The lubricants strongly adhere to gear teeth and other machine elements to resist excessive throw-off. This provides a wear-resistant, viscous, continuous film that lubricates well under boundary conditions.

The Mobiltac NC Series' properties help ensure the lubricants will not harden, chip or flake in cold weather; they are self-healing and do not form a hard-packed buildup in gear-tooth roots. Dripping and throw-off are minimal, and they are easily cleaned up with a solvent-soaked rag.

*Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.