

Mobiltac 375 NC

Open Gear Oils

Product Description

Mobiltac 375 NC is an extra high performance non-leaded, diluent-type, heavy-bodied open gear lubricant designed for a wide variety of open gear applications. Marine vessels use this product on open gears driving windlasses, winches and certain capstans. It contains a non-chlorinated, volatile solvent that ensures fluidity during application, even at low temperatures. Once applied, the diluent evaporates and the lubricant takes on a flexible, adhesive, high-strength consistency that is maintained throughout its service life. Mobiltac 375 NC adheres strongly to gear teeth and other machine elements to resist excessive throw-off, thereby providing a wear-resistant, viscous, continuous film that lubricates well under boundary conditions.

Mobiltac 375 NC will not harden, chip, or flake in cold weather, is a self-healing, and does not form a hard-packed buildup in gear-tooth roots. Dripping and throw-off are minimal, and the lubricant is easily cleaned up with a solvent-soaked rag. The lubricant provides resistance to rain, snow, and process water washing. Its flash points minimize the risk of fire. This new generation gear lubricant is applied easily by hand or by automatic dispensers. Mobiltac NC technology has rapidly become a firm favorite among many open gear users around the world.

Features and Benefits

Mobiltac 375 NC is the most recent technology advance for the Mobiltac brand of products that have been used with great success in open gear for several decades. This new technology product provides significantly improved environmental and performance benefits over older diluent-type technologies.

It offers the following features and potential benefits:

Features	Advantages and Potential Benefits
Excellent protection of gear teeth and other machine elements under boundary lubrication conditions	Less equipment wear and breakdown; lower replacement, downtime and maintenance costs
Excellent low-temperature pumpability	Easy start-up at low ambient and avoids cost of preheating
Excellent resistance to water washing	Maintains superb protection in wet environments; less unanticipated downtime
Minimal throw-off and dripping	Less product waste and new product cost
No chipping or flaking at low temperatures	Maintains protective lubricating film at low temperatures
Easy to clean up with rags and conventional solvents or cleaning fluids	Improved safety and reduced maintenance costs

Applications

Mobiltac 375 NC is designed for use in a wide variety of open gear applications. Mobiltac 375 NC, containing a high-viscosity base oil, is recommended for the lubrication of highly loaded open gears, including those that operate at high temperature. The minimum operating temperature for Mobiltac 375 NC is -1°C. Specific marine applications include open gears on windlasses, winches and certain capstans.

Typical Properties

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 @15.6°C kg/l, ASTM D 4052	0.96
Maximum Temperature Use, °C	121

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your sales contract office, or via the Internet on <http://www.exxonmobil.com>. This product 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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