MOBILTAC 375 NC

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.

PROPERTIES & 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:

Properties	**Potential advantages and 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 costs 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 -1ºC. Specific marine applications include open gears on windlasses, winches and certain capstans.

TYPICAL CHARACTERISTICS

MOBILTAC 375 NC	
Appearance	Viscous, semi-fluid, black
Viscosity, ASTM D 445	
cSt @ 40ºC, with diluent	5000
cSt @ 100ºC, without diluent	1260
Flash Point, ºC, ASTM D 92	135
Specific Gravity @15.6ºC KG/L, ASTM D 4052	0.96
Maximum Temperature Use, ºC	121

HEALTH & 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).

The typical property values shown in the table are average figures given as a guide. They do not constitute a guarantee. Values may be modified without notice.