

### Product Description

Mobiltac 375 NC is an unleaded, diluent-type, heavy bodied open gear lubricant, incorporating extreme pressure additives for load-carrying. It is intended primarily for the lubrication of large, slow-moving, heavily loaded open gears. It contains a non-chlorinated volatile solvent that ensures fluidity during application. The flash point of the solvent is sufficiently high to present no hazard when applied with care under normal working conditions. Once applied, the diluent evaporates and the lubricant assumes a flexible, adhesive, high-strength consistency which is maintained throughout its service life. Mobiltac 375 NC adheres strongly to gear teeth, resisting "fling-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. It is self-healing and will not form hard-packed deposits in the gear teeth roots. Dripping and throw-off are minimal and the lubricant is easily cleaned up with a solvent-soaked rag. Mobiltac 375 NC is resistant to rain, snow and process water washing.

Mobiltac 375 NC is a new generation product which is easily applied by hand or automatic dispenser.

### Benefits

Mobiltac 375 NC offers the following benefits:

- Excellent protection of gear teeth under boundary lubrication conditions
- Excellent pumpability and sprayability, even at low temperatures, giving improved lubrication
- Minimal losses due to throw-off and dripping, resulting in reduced consumption and lower lubricant costs
- No chipping or flaking at low temperatures and excellent resistance to rain, snow and water washing, ensuring a continuous lubricating film at all times
- Absence of hard-packed deposits in the gear teeth roots, giving longer periods between cleaning and less maintenance

### Application

Mobiltac 375 NC is recommended for the lubrication of highly loaded open gears, including those that operate at high temperatures, such as ring gears on cement kilns and large gears on ore processing mills. However, operating temperatures above 93°C are not recommended.

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

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Product Code	Test Method	Mobiltac 375 NC 977026
Viscosity of Oil with Diluent cSt at 40°C	ASTM D445	5000
Viscosity of Oil without Diluent cSt at 100°C	ASTM D445	1100
Specific Gravity at 16°C	ASTM D1298	0.96
Flash Point, °C	ASTM D92	121
EP Type		Zinc/Sulfur
Retention Test, Load, lb	U.S. Steel	35
4-Ball Wear, scar diameter, mm	ASTM D2266	0.40 / 0.50
4-Ball EP Weld Load, kg	ASTM D2596	400

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Due to continual product research and development, the information contained herein is subject to change without notice

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