

# Product Data Sheet

## Mobilgrease XTC Low Bleed Coupling Grease

### Product Description

Mobilgrease XTC is an extreme-pressure, unleaded high temperature NLGI No. 1 lithium soap-base grease. It is made with a very viscous oil and an extremely effective, heavy duty additive package.

In addition to EP properties, Mobilgrease XTC is formulated to provide low bleed properties critical to modern couplings as well as high temperature stability.

### Benefits

Mobilgrease XTC offers the following benefits:

- Less leakage
- Less wear
- Longer intervals between relubrication
- Lower maintenance costs
- Excellent high temperature stability
- Excellent resistance to oil separation
- Excellent EHL contribution
- Good resistance to rust and corrosion

### Application

Mobilgrease XTC grease fully meets existing and proposed AGMA Type CG-2 requirements for high speed flexible gear and grid couplings. It also meets less demanding AGMA Type CG-1 requirements.

Mobilgrease XTC fully meets the performance requirements of major coupling manufacturers.

Mobilgrease XTC has proprietary formulation stability to outperform best-in-class low bleed coupling greases with respect to high temperature stability in high shear conditions. It maintains its excellent performance characteristics in ambient temperatures up to 121°C. It is not recommended for temperatures below -29°C. Also, because Mobilgrease XTC has very heavy viscometrics and adhesive agents to address coupling demands, use of hand operated grease guns at low ambient temperatures without auxiliary heat is 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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<b>Mobilgrease XTC</b>		
NLGI Grade		0 - 1
Worked Penetration	ASTM D1403	310/375
Soap Type		Lithium / Polymer
Colour, visual		Dark Brown
Dropping Point, °C	ASTM D2265	204
Base Oil Viscosity, cSt at 40°C	ASTM D445/2161	680
cSt at 100°C		39
Viscosity Index		95
Centrifugal Oil Separation, K-36, 24 hrs, vol%	ASTM D4425	0
Wear Protection		
4-Ball Wear Test, scar dia.	ASTM D2266	0.35
4-Ball Weld Test, kg	ASTM D2596	315
Load Wear Index		51
Copper Corrosion, Rust Test, min.	ASTM D4048	Pass
Bearing Corrosion	ASTM D1743	Pass

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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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