

Product Data Sheet

Mobil DTE FM 46 Premium Quality Food Grade Lubricant

Product Description

Mobil DTE FM 46 is a water white, tasteless, odourless, premium quality hydraulic and circulating oil.

It is formulated from superior base oils and non toxic FDA acceptable components (Federal Regulations 21 CFR 178.3570) for use in applications where the possibility of incidental food contact exists.

Mobil DTE FM 46 has USDA H-1 acceptance for use in Federally inspected meat and poultry plants where incidental food contact may occur.

Benefits

Mobil DTE FM 46 offers the following benefits:

- Suitable for multi service applications, therefore reducing the number of different lubricants needed, in a food processing plant.
- Balanced additive system providing good anti-wear protection, excellent oxidation stability and rust protection.

Application

Mobil DTE FM 46 is recommended for use in all food processing industries, meat packing plants and in the fish processing industry.

It is suitable for multi service applications in the lubrication of food machinery including hydraulic systems, bearings, air line lubricators and vacuum pumps handling air or inert gases especially in those applications where a product suitable for incidental food contact is required.

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

	Test Method	Mobil DTE FM 46
ISO Viscosity Grade	-	46
Viscosity, cSt at 40°C	ASTM D445	46
Viscosity, cSt at 100°C	ASTM D445	6.8
Viscosity Index	ASTM D2270	105
Specific Gravity	ASTM D1298	0.868
Flash Point, °C	ASTM D92	226
Pour Point, °C	ASTM D97	-6
ASTM Colour	ASTM D1500	L0.5
RBOT minutes	ASTM D2272	453
ASTM/Rust 24hrs./Distilled Water	ASTM D665	Pass
Copper Strip Corrosion 3 hrs.	ASTM D130	1a
FZG Gear Test Failure Stage	DIN 51532	12
VickersV-104C Pump Wear, mg	ASTM D2882	43

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

Mobil Oil Company Limited
Acting as Agent for Mobil Lubricants UK Limited
ExxonMobil House, Ermyn Way
Leatherhead, Surrey, KT22 8UX
Telephone: 01372 22 2000

