



Mobil DTE™ PM Excel 150

Paper Machine Lubricant

Product Description

Mobil DTE™ PM Excel 150 has been formulated to provide maximum protection of gears and bearings operating under severe conditions. The fluid has been formulated with select high-quality base oils and a proprietary advanced technology additive system carefully balanced to achieve high performance standards. Mobil DTE™ PM Excel 150 is multi-functional paper machine oil for use in wet end, press section, calender applications and dry end.

Features and Benefits

Mobil DTE PM Excel 150 has the following potential benefits:

- Excellent anti-wear protection of bearings and gears of system components using various metallurgy help extend component life
- Ultra keep clean properties reduce system deposits and sludge help protect equipment and extend equipment life, which can reduce maintenance costs and improve total system performance
- Exceptional thermal / oxidation stability help reduce maintenance downtime and costs by contributing to system cleanliness and deposit reduction, which can enable long oil and filter life
- Meets wide range of equipment requirements which helps avoid risk of mis-application and enable potential inventory reduction
- High level rust and corrosion protection which can help improve production capacity

Applications

- Lubrication of the wet end, press section, calender applications and dry end
- Application involving circulation systems operating over a wide temperature range
- Systems that must be started and brought on line quickly
- Circulation systems' lubricating gears and bearings

Specifications and Approvals

Mobil DTE PM Excel meets or exceeds the requirements of:	Mobil DTE PM Excel 150
DIN 51524-2: 2006-09	X
DIN 51517-3: 2011-08	X
VOITH VN 108 4.3.1 CL150	X
VOITH VN 108 4.3.3 HLP 150	X
VOITH VN 108 4.3.4 CLP 150	X
METSO PAPER RAUAH02724	X
METSO PAPER Wet End RAU4L00659	X
METSO PAPER PBM Dry End RAU4L00659	X

Typical Properties

Mobil DTE PM Excel	150
ISO Viscosity Grade	150
Viscosity, ASTM D 445	
cSt @ 40° C	145
cSt @ 100° C	14.5
Viscosity Index, ASTM D 2270, min	96
FZG 4-Square Load Support, DIN 51354, fail stage	+12
Demulsibility, minutes to 3 ml Emulsion at 82° C	10
Rust Characteristics, Proc A and B, ASTM D 665	Pass
Foam Sequence Tendency, ASTM D 892, ml,	
I	0/0
II	20/0
III	5/0
Copper Strip Corrosion, 3 h @ 100° C, ASTM D 130, rating	1A
Pour Point, °C, ASTM D 97	-18
Flash Point, °C, ASTM D 92	264
Specific Gravity 15.6° C/15.6° C, ASTM D 1298	0.888

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation, or one of its subsidiaries.

3-2013

EXXONMOBIL LUBRICANTS & SPECIALTIES EUROPE, A DIVISION OF EXXONMOBIL PETROLEUM & CHEMICAL, BVBA
(EMPC)
POLDERDIJKWEG
B-2030 Antwerpen
Belgium

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

Copyright © 2001-2014 Exxon Mobil Corporation. All rights reserved.