

ExxonMobil 100 Mobil DTE PM Series

Category : Fluid , Lubricant

Material Notes:

Mobil DTE PM Series products are high-quality, high-performance lubricants specifically designed for demanding industrial paper machine circulating systems. They are engineered to provide exceptional lubrication qualities while protecting system components from rust and corrosion. This is particularly important in the wet-end where water and chemical contaminants can enter the lubrication system. The Mobil DTE PM Series oils are formulated to provide maximum protection of gears and bearings operating under severe conditions. They exhibit good viscosity characteristics allowing reduced start-up to production times while maintaining excellent viscosity characteristics at high temperatures. The DTE PM Series oils provide excellent resistance to oxidation and thermal degradation, exceptional protection against rust and corrosion, and a high level of anti-wear performance. Mobil DTE PM Series oils are formulated with select high-quality base oils and a proprietary advanced technology additive system carefully balanced to attain high performance standards. These fluids permit the use of high steam pressures, temperatures and machine speeds common in high output paper machines. Their outstanding demulsibility and filterability assure excellent performance in the presence of water and the ability to retain effective filtration even at very fine filtration levels. They readily separate water and retain their colour characteristics for extended periods of operation. Lubrication of industrial paper machine circulating systems; 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

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http://www.lookpolymers.com/polymer_ExxonMobil-100-Mobil-DTE-PM-Series.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.884 g/cc	0.884 g/cc	15.6°C; ASTM D1298
Viscosity Measurement	>= 95	>= 95	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	100 cSt	100 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	11.4 cSt	11.4 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-6.00 °C	21.2 °F	ASTM D97
Flash Point	240 °C	464 °F	ASTM D92

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1A	3 hrs @ 100°C
Demulsibility Time (min)	10	to 3 mL emulsion @ 82°C
Foam Sequence I, ASTM D1085	0/0	
Foam Sequence II, ASTM D893	40/0	
Foam Sequence III, ASTM D893		

Descriptive Properties	0/0 Value	Comments
FZG 4-Square Load Support, DIN 51354, Fail Stage	12	
Rust Prevention, Distilled Water	pass	ASTM D665A
Rust Prevention, Synthetic Sea Water	pass	ASTM D665B

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