

ExxonMobil BB Mobil DTE Oil Double Letter Series

Category : Fluid , Lubricant

Material Notes:

The Mobil DTE Oil Double Letter Series of lubricants are high performance heavy duty circulating oils primarily intended for continuous reuse in circulation lubrication systems for gears and bearings. They are formulated from high quality base stocks and a proprietary additive system to provide superior protection against rust, excellent resistance to oxidation and thermal degradation, and a high level of protection against wear, plus excellent resistance to high temperature corrosion of soft metals. They possess good demulsibility that permits water and other contaminants to separate readily from the oil in the system reservoir. The Mobil DTE Oil Double Letter Series are available in four ISO viscosity grades from 150 to 460. The Mobil DTE Double Letter Series family of products provides a versatile lubricant source for a wide range of industrial equipment. They provide the users with very reliable and efficient operation in industrial circulating system applications, as well as other lubricant application methods, including hydraulic systems. They are particularly resistant to the effects of prolonged high temperature exposure and perform very well in circulating systems with short oil residence times. Mobil DTE Double Letter Series oils have very good water separability properties, which allows water to separate readily in the system reservoir. Their high level of anti-wear properties results in exceptional equipment performance that not only results in fewer breakdowns but helps improve production capacity. This combination of benefits has Mobil DTE Oil Double Letter Series the product of choice for many users around the world, for the last several decades. These oils are intended primarily for the lubrication of plain bearings, roller bearings, parallel shaft and bevel gearing. They are suitable as multipurpose lubricants in systems not subject to shock loading and which do not require extreme pressure performance. They are used in applications using splash, bath and ring oil arrangements and all other application methods involving pumps, valves and auxiliary equipment. They are recommended for use in hydraulic systems where higher viscosity oils are specified: Moderate duty spur, bevel, helical and herringbone gear units; Circulating systems; The oils perform well at the elevated temperatures normally found in the dryer sections of paper machines; Mobil DTE Oil Extra Heavy and BB can also be used in hydraulic systems employing gear, vane, radial and axial piston pumps where anti-wear hydraulic fluids are required and clearances are relatively large; Certain compressors and vacuum pumps handling air and inert gases provided the discharge temperatures do not exceed 150°C

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-BB-Mobil-DTE-Oil-Double-Letter-Series.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc @Temperature 15.0 °C	0.0322 lb/in ³ @Temperature 59.0 °F	ASTM D1298
Viscosity Measurement	96	96	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	218 cSt	218 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	18.8 cSt	18.8 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-18.0 °C	-0.400 °F	ASTM D97
Flash Point	284 °C	543 °F	ASTM D92

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1A	3 hrs @ 100°C
Demulsibility Time (min)	15	to 3 mL emulsion @ 82°C
Demulsibility, ASTM D2711, mL water	36	Non-EP Oils
FZG Gear Test, DIN 51534, Fail Stage	12	
Rust Prevention, Distilled Water	pass	ASTM D665A
Rust Prevention, Synthetic Sea Water	pass	ASTM D665B

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