

ExxonMobil 24 Mobil DTE 20 Series

Category : Fluid , Lubricant

Material Notes:

Mobil DTE 20 Series oils are supreme performance anti-wear hydraulic oils designed to satisfy a wide range of hydraulic equipment requirements. They provide long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs. They were developed in conjunction with the major builders to meet the stringent requirements of severe hydraulic systems using high pressure, high output pumps as well as handling the critical requirements of other hydraulic system components such as close clearance servo-valves and the high accuracy numerically controlled (NC) machine tools. These products meet the most rigorous performance requirements of a wide range of hydraulic system and component manufacturers using various multi-metallurgy designs allowing a single product with outstanding performance characteristics. The DTE 20 Series oils are formulated with high quality base oils and a super-stabilised additive system that neutralises the formation of corrosive materials. They are designed to work with systems operating under severe conditions where high levels of antiwear and film strength protection are needed, yet they are formulated to work where non-antiwear hydraulic oils are generally recommended. Hydraulic systems critical to deposit build-up such as sophisticated Numerically Controlled (NC) machines, particularly where close clearance servo-valves are used; Where small amounts of water are unavoidable; Applications where sludges and deposits form with conventional products; In systems containing gears and bearings; Systems requiring a high degree of load-carrying capability and anti-wear protection; Applications where thin oil-film corrosion protection is an asset such as systems where small amounts of water are unavoidable; Machines employing a wide range of components using various metallurgy

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http://www.lookpolymers.com/polymer_ExxonMobil-24-Mobil-DTE-20-Series.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.871 g/cc	0.871 g/cc	15.6°C; ASTM D1298
Viscosity Measurement	98	98	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	31.5 cSt	31.5 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	5.29 cSt	5.29 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-27.0 °C	-16.6 °F	ASTM D97
Flash Point	220 °C	428 °F	ASTM D92

Descriptive Properties	Value	Comments
Copper Strip Corrosion	1B	3 hrs @ 100°C
Foam Sequence I, ASTM D898	20/0	
Foam Sequence II, ASTM D893	20/0	

Foam Sequence III, ASTM D893 Descriptive Properties	20/0 Value	Comments
FZG 4-Square Load Support, DIN 51354, Fail Stage	12	
Rust Prevention, Synthetic Sea Water	pass	ASTM D665B

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