

ExxonMobil Mobil DTE 724 Oil

Category: Fluid, Lubricant

Material Notes:

Mobil DTE 724 Oil was developed for higher-output gas turbines such as the General Electric Heavy Duty Gas Turbine Frame 7000. Mobil DTE 724 Oil offers excellent thermal and oxidative stability, and resistance to deposit formation to meet the high temperature demands of gas turbines. Mobil DTE 724 Oil was developed for higher-output gas turbines such as the General Electric Heavy Duty Gas Turbine Frame 7000. Mobil DTE 724 Oil meets the performance requirements of General Electric specification GEK-32568C.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-DTE-724-Oil.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.866 g/cc	0.866 g/cc	
API Gravity	32.2°	32.2°	
Viscosity Measurement	95	95	Index
Kinematic Viscosity at 40°C (104°F)	31 cSt	31 cSt	
Kinematic Viscosity at 100°C (212°F)	5.4 cSt	5.4 cSt	
Oxidative Stability	4000 hour	4000 hour	Turbine Oil Stability Test (TOST); ASTM D943
ASTM Color	1.5	1.5	ASTM D1500

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	
Flammability Test	241	241	Fire Point [°C]
	310	310	Auto Ignition [°C]
Flash Point	>= 216 °C	>= 421 °F	

Component Elements Properties	Metric	English	Comments
H20	0.00 %	0.00 %	
Zinc, Zn	0.00 %	0.00 %	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.20	<= 0.20	ASTM D664



Descriptive Properties	Value	Comments
Copper Strip Corrosion	1B	3 hrs @ 100°C
Foam Sequence I, ASTM D974	20/0	
Foam Sequence II, ASTM D893	50/0	
Foam Sequence III, ASTM D893	20/0	
Rust Prevention, Distilled Water	pass	ASTM D665A
Rust Prevention, Synthetic Sea Water	pass	ASTM D665B
Sediment, vol %	0.005 (max)	

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