

ExxonMobil Teresstic 460

Category : Fluid , Lubricant

Material Notes:

TERESSTIC is the brand name for a line of long-service-life lubricating oils that have ranked for over five decades among the finest products of their kind. Continually improved over the years, TERESSTIC oils are formulated with carefully selected base stocks and highly effective additives, including oxidation and rust inhibitors and anti-foam agents. The TERESSTIC line of premium circulating oils consists of nine viscosity grades. Eight of these grades are blended to viscosity values that conform to the International Organization for Standardization (ISO) viscosity classification system. TERESSTIC 77 is an intermediate grade between ISO viscosity grades 68 and 100. TERESSTIC oils are the primary recommendation for applications that require clean, dependable lubrication for extended service periods – often for years. They effectively resist high temperatures, prevent rust, and shed entrained water and air. Because the quality of TERESSTIC oils is especially apparent at sustained high temperatures and other adverse operating conditions, they are the prime lubricant recommendation for mild duty industrial gas turbines that require mineral lubricating oils. In addition, TERESSTIC oils give outstanding performance in hydraulic systems, circulating lubrication systems, gear cases, bearings, and other industrial units, where an RandO lubricant is required, for which long trouble-free service is required. Their high flash points suit TERESSTIC oils for use as heat transfer fluids in open systems. TERESSTIC 32 and 46 – These grades are formulated for applications where a premium quality grade 32 or 46 lubricant is required, but where service conditions are not severe enough to require the super-premium qualities of TERESSTIC GT 32 and 46. TERESSTIC 32 and 46 are of the same high quality as the heavier TERESSTIC grades and provide excellent performance in mild duty applications. Contamination of TERESSTIC oils with other products such as detergent motor oils may substantially impair their quality and could lead to operational problems such as foaming, filter plugging and sludge formation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Teresstic-460.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	15.6°C; ASTM D1298
API Gravity	25.7 °	25.7 °	15.6°C; ASTM D1298
Viscosity Measurement	95	95	Index; ASTM D2270
Saybolt Viscosity at 100°F	2433 SUS	2433 SUS	
Saybolt Viscosity at 210°F	150 SUS	150 SUS	
Kinematic Viscosity at 40°C (104°F)	460 cSt	460 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	30.4 cSt	30.4 cSt	ASTM D445
Oxidative Stability	>= 1000 hour	>= 1000 hour	Turbine Oil Stability Test (TOST); ASTM D943

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97

Flash Point Thermal Properties	307 °C Metric	585 °F English	ASTM D92 Comments
Descriptive Properties	Value		Comments
Copper Strip Corrosion	1B		3 hrs @ 100°C
Demulsibility Time (min)	30		to 3 mL emulsion @ 82°C
Foam Sequence I, ASTM D967	0/0		
Foam Sequence II, ASTM D893	30/0		
Foam Sequence III, ASTM D893	0/0		
Neutralization Number, ASTM D974	0.06		
Rust Prevention, Distilled Water	pass		ASTM D665A

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