



Product Data

Tribol PM 320 S

Synthetic high-temperature circulation oil

Description

Tribol TM PM 320 S is a synthetic high-temperature oil with an extremely low evaporation rate. Designed for application in circulation lubricating systems. Due to the multi-grade characteristics Tribol PM guarantees trouble-free start-up of machines at low temperatures and reliable lubrication in the high-temperature range

Application

For use in circular systems operating at temperatures up to +140°C / 284°F - lubrication of sliding and rolling bearings, gears and other machine elements in large-scale equipment such as:

- Paper machines
- Calenders in the paper, textile and plastics industries
- Stirrers
- Rubber kneaders Rolling mills

Advantages

- Extremely thermally stable.
- Optimum wear protection.
- Utmost load carrying capacity.
- Excellent viscosity/temperature behavior.
- Extended service life.
- Excellent aging and oxidation stability and leaves no hard or carbon residues.
- Good corrosion protection.
- Good water separation.

Typical Characteristics

Name	Test Method	Units	Tribol PM 320 S
Colour	ASTM D1500	-	Yellow
Base oil	-	-	Synthetic oil
ISO Viscosity Grade	-	-	320
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³	914
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	319
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	36.3
Viscosity Index	ASTM D2270 / ISO 2909	-	162
Pour Point	ASTM D97 / ISO 3016	°C/°F	-30/-22
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	Pass
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	250/482

Subject to usual manufacturing tolerances.

Additional Information

- Compatible and miscible with mineral oils. Maximum performance, however, can be assured only if the product is not mixed with other lubricants.
- Compatible with all conventional sealing materials.

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