



Paper machine and antiwear circulating oil

APPLICATIONS

Antiwear oils for all types of moving parts

- **PMO** oils are mineral oil based circulating oils that were specially designed for the lubrication of paper machines. The resulting performance of thermal stability, antiwear and filterability makes this oil a high quality lubricant for most wet or dry paper mill applications. It is not an AGMA EP industrial gear oil so it is not recommended for gearboxes where high EP properties are required.

SPECIFICATIONS

International specifications

- ISO 12295 CATEGORY CKD
- ISO 6743/6 CATEGORY CKD

ADVANTAGES

Long fluid life and high operating reliability

- Excellent anti-foaming, anti-corrosion, and anti-oxidation properties.
- Excellent anti-wear protection
- High natural viscosity index.
- Good compatibility with elastomers and seals.
- Excellent water separation and wet and dry filtration properties.

TYPICAL CHARACTERISTICS PMO			
ISO grade	150	220	320
Specific gravity @ 60/60°F (ASTM D 1298)	0.884	0.889	0.893
Density @ 60°F, lbs./gal. (ASTM D 1298)	7.36	7.37	7.41
Viscosity at 40°C, cSt (ASTM D 445)	150.0	210.0	310
Viscosity at 100°C, cSt (ASTM D 445)	14.4	18.2	23.5
Viscosity index (ASTM D 2270)	95	95	95
Pour point, °F (°C) (ASTM D 97)	0 (-18)	0 (-18)	5 (-15)
Flash point, COC, °F (°C) (ASTM D 92)	485 (252)	510 (266)	535 (279)
Four ball wear test scar diameter, mm (ASTM D 2266)	0.45	0.45	0.45
FZG failure stage (DIN 51354)	12	12	12
Water separation minutes to separation (ASTM D 1401)	15	15	20

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PMO Oil
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