



# PMO

## Proven performance paper machine oil

### Product description

PMO is a range of proven performance paper machine lubricants, formulated with selected mineral base oils and tailor-made additives, designed to deliver dependable performance over an extended service life.

Proven performance PMO is available in ISO viscosity grades 150, 220 and 320.

### Customer benefits

- Formulated with selected mineral base oils and tailor-made additives to deliver reliable ultrafine filterability
- Reliable wear protection and load carrying performance improves component service life
- Durable rust protection reduces maintenance costs
- Rapid water separation maintains lubrication performance
- Durable additive technology resists depletion by centrifuge and ultrafine filtration
- Good oxidation stability resists oil thickening at high temperatures
- Proven technology dispersants keeps bearings clean and prevents sludge build-up
- Good foam suppressant performance
- Non-corrosive to ferrous, cuprous and other metal alloys in critical bearing and gearbox components

### Applications

- The PMO series is designed for use in the circulating systems of paper machines, gear drive units and pumps in industrial applications.

**Note:** PMO is compatible with PMO XL and Auriga EP

### Product highlights

- **Proven wear protection**
- **Durable rust and corrosion resistance**
- **Good ultrafine filterability**

Typical test data				
Test	Test methods	Results		
Viscosity Grade		150	220	320
Product Code		31480	31481	31482
Colour	ASTM D1500	3	3.5	4.5
Kinematic viscosity, 40°C, mm <sup>2</sup> /s	ASTM D445	150	220	320
Kinematic viscosity, 100°C, mm <sup>2</sup> /s	ASTM D445	14.5	18.9	23.8
Viscosity Index	ISO 2909	96	96	96
Flash Point, °C	ASTM D92	226	278	256
Pour Point, °C	ASTM D5950	-6	-6	-12
Density, 15°C, kg/l	ASTM D4052	0.892	0.899	0.889
Demulsibility, 82°C, min.	ASTM D1401	5	15	15
TAN, mg KOH/g	DIN 51558-1	0.39	0.47	0.42
Copper corrosion (3 h, 100°C)	ISO 2160	-	1A	-
Steel corrosion B (24 h)	ISO 7120	-	Pass	-
Foam Seq. I (after blowing), ml	ASTM D892	0	10	0
Foam Seq. I (after 10' standing), ml	ASTM D892	0	0	0
Foam Seq. II (after blowing), ml	ASTM D892	50	10	50
Foam Seq. II (after 10' standing), ml	ASTM D892	0	0	0
FZG Damaged Load (a/8.3/90)	DIN 51354	12	12	12

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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