



# PMO Premium

## Proven performance paper machine oil

### Product description

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

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

### Customer benefits

- Formulated with selected mineral base oils and tailor-made additives to offer reliable ultrafine filterability
- Reliable wear protection and load carrying performance helps improve component service life
- Durable rust protection helps reduce maintenance costs
- Offers rapid water separation for improved lubrication performance

### Product highlights

- **Formulated for reliable wear protection**
- **Designed for durable rust and corrosion resistance**
- **Offers reliable ultrafine filterability**

#### Selected performance standards include:

DIN	Voith
Metso Paper	Voith Paper

### Applications

- The PMO Premium series is designed for use in the circulating oil systems of paper machines, particularly those equipped with Ultra-fine 6 to 12 micron filters, superheated steam, or those susceptible to water contamination.
- Suction box pumps, vacuum and white water pumps, agitators, reduction gears and gear head motors.
- Pulp grinders and pulp refining oil circulating systems.
- Gear drive units and pumps in industrial applications.
- Plain and anti-friction bearings at elevated temperatures.

### Approvals, performance and suitable for use

#### Performance

- DIN 51 517/3
- Voith VN 108
- Metso Paper (Formerly Valmet)
- Voith Paper (Formerly Voith Sulzer)

Note: PMO Premium is compatible with PMO XL.

### Product maintenance and handling

Avoid any spillage of used and unused product to the environment. Product residue and package/container should be disposed of in dedicated collection points.

Typical test data				
Test	Test Methods	Results		
Viscosity Grade		150	220	320
<b>Shelf Life: 60 months from date of filling indicated on the product label.</b>				
Colour	ASTM D1500	L2.5	L2.5	L2.5
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	150	220	320
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.71	18.97	24.57
Viscosity Index	ASTM D2909	97	97	97
Flash Point COC, °C	ASTM D92	260	256	260
Pour Point, °C	ASTM D97	-6	-6	-12
Density at 15°C, kg/l	ASTM D4052	0.8882	0.8932	0.8982
Demulsibility at 82 °C, min.	ASTM D1401	10	17	25
TAN, mg KOH/g	DIN 51558-1	0.39	0.47	0.42

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

**Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.**

When disposing of used product, take care to protect the environment and follow local legislation.

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