

# PAPER MACHINE OIL

## Premium Paper Machine Lubricant

Rev. 2/2024

### Description

**Paper Machine Oils** are high performance lubricants for industrial paper machine circulating systems. They are specifically designed to provide outstanding demulsibility and filterability. They readily separate water and retain their oxidation and thermal degradation properties providing exceptional protection against rust and corrosion. This assures excellent performance in the presence of water and the ability to retain effective filtration at very fine filtration levels.

**Paper Machine Oils** are formulated to provide exceptional lubrication qualities particularly in the wet-end where water and chemical contaminants can enter the system.



### Features/Benefits

- Advanced Additive Technology for Proven Performance
- Superior Filterability Reduce Deposits and Lower Filter Replacement Costs
- Excellent Water Separability
- Superior Wear Protection and Oxidation Control
- Lower Maintenance and Longer Equipment Life

### Physical and Chemical Properties

| Product Number   | 188              | 189              |
|--|------------------|------------------|
| ISO Viscosity Grade  | 150              | 220              |
| Pounds per Gallon  | 7.4              | 7.4              |
| Viscosity @ 40°C, cSt  | 150              | 220              |
| Viscosity @ 100°C, cSt                                       | 14.5             | 19               |
| Viscosity Index, typ.  | 95               | 97               |
| Zinc, ppm  | 750              | 750              |
| Phosphorus, ppm  | 600              | 600              |
| FZG, DIN 51354, Fail Stage                                   | 11               | 11               |
| Cincinnati Milacron Thermal Stability                        | Pass             | Pass             |
| Denison Wet and Dry T6C Pump Test                            | Pass             | Pass             |
| Rust Prevention, D 665A, Distilled Water                     | Pass             | Pass             |
| Rust Prevention, D 665B, Synthetic Sea Water                 | Pass             | Pass             |
| Copper Strip Corrosion, D 130, 3 hrs @ 100°C, rating         | 1a               | 1a               |
| Hydrolytic Stability, D 2619 – Cu wt. Loss mg/area cm        | 0.03             | 0.03             |
| Hydrolytic Stability, D 2619 – TAN Water Layer, mg KOH       | 0                | 0                |
| Demulsibility, D 1401 @ 54°C, H <sub>2</sub> O /Oil/Emulsion | 40/40/0 @ 25 min | 40/40/0 @ 25 min |