

# PAPER MACHINE OIL

## Premium Paper Machine Lubricant



### 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