

Paper Machine Oil Premium®

Paper Machine Oil



Product description

Paper Machine Oil Premium® oils are paper machine circulating oils designed to give excellent performance in centralized lubrication systems of paper machines.

Customer benefits and product features

Customer benefits

- **Minimizes unscheduled downtime**
High oxidation stability provides excellent resistance to deposit formation. The detergent/dispersant additive system enables quick removal of deposits from hot bearing surfaces, and the suspension of small particles, rendering them harmless.
- **Compatible with ultra-fine filters**
The specially balanced additive package and highly refined base stocks provide the outstanding filterability essential for ultra-fine 6 to 12 micron filters, even in the presence of water.
- **Excellent water separability**
Helps permit rapid separation of water in circulating oil system reservoirs, reducing the chance of premature filter plugging and increased metal-to-metal contact.
- **Protects equipment**
The special antiwear additive system provides excellent protection against wear of heavily loaded bearings and surfaces. Effective corrosion inhibitors resist rust and copper corrosion.
- **Less frequent circulating system change**
High oxidation stability ensures long lubricant service life, particularly in newer design machines with smaller oil reservoirs.

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Applications

- 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 refiner oil circulation systems.
- Gear drive units and pumps in industrial applications.
- Plain and anti-friction bearings at elevated temperatures.

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Typical test data

PAPER MACHINE OIL PREMIUM®	
ISO Grade	220
Product Code	540416
Copper Corrosion, 3 hrs @ 121°C	1b
Demulsibility (D2711), Free Water, mL	40
Pour Point, °C	-15
Rotary Bomb Oxidation (D2272), mins	150
Rust Preventing Character. (D665B)	Pass
Sulfated Ash, m %	0.08
Viscosity, mm ² /s @ 40°C	209
Viscosity Index	92

1705

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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