



# Paper Machine Oil Premium®

## Paper Machine Oil

Product Data Sheet

### 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.

### 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

### Product features:

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

## Typical key properties

| 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 <sup>2</sup> /s @ 40°C  | 209    |
| Viscosity Index                       | 92     |

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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: [www.chevronlubricants.com](http://www.chevronlubricants.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Lubricants**  
 – Asia Pacific