



# CHEVRON PAPER MACHINE OIL PREMIUM

## 150, 220, 320

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### PRODUCT DESCRIPTION

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

### CUSTOMER BENEFITS

Chevron Paper Machine Oil Premium oils deliver value through:

- **Minimized 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.
- **Compatibility 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 - minimizing the chance of premature filter plugging and maximizing bearing life.
- **Long equipment life** — 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 changes** — High oxidation stability helps ensure long lubricant service life, particularly in newer design machines with smaller oil reservoirs.

### FEATURES

Chevron Paper Machine Oil Premium oils are circulating oils designed for use in the centralized lubrication systems of paper machines, including wet-end systems, dryer bearings, and calender stacks.

They are formulated with a specially balanced additive package containing a barium-free detergent/dispersant, oxidation, antiwear, rust and copper corrosion inhibitors.

They have excellent demulsibility properties and provide outstanding filterability critical for use with ultra-fine filters of modern paper machines.

### APPLICATIONS

Chevron Paper Machine Oil Premium oils are recommended for use in:

- 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 antifriction bearings at elevated temperatures.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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**TYPICAL TEST DATA**

| <b>ISO Grade</b>   | <b>150</b>  | <b>220</b>  | <b>320</b>  |
|--|-------------|-------------|-------------|
| <i>Product Number</i>  | 253035      | 253036      | 253037      |
| <i>SDS Number</i>  | 13560       | 13560       | 13560       |
| API Gravity  | 29.5        | 28.4        | 27.3        |
| Viscosity, Kinematic<br>cSt at 40°C<br>cSt at 100°C                | 143<br>13.7 | 209<br>17.7 | 304<br>22.7 |
| Viscosity, Saybolt<br>SUS at 100°F<br>SUS at 210°F                 | 753<br>75   | 1107<br>91  | 1621<br>113 |
| Viscosity Index  | 91          | 92          | 92          |
| Flash Point, °C(°F)  | 246(475)    | 249(480)    | 248(473)    |
| Pour Point, °C(°F)   | -15(+5)     | -15(+5)     | -12(+10)    |
| Rust Prevention, ASTM D665B  | Pass        | Pass        | Pass        |
| Oxidation Stability<br>Minutes to 25 psi pressure drop, ASTM D2272 | 150         | 150         | 150         |

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.