

PRODUCT INFORMATION

## ECOSE® PAPER MACHINE OIL

ECOSE® Paper Machine Oils are premium antiwear hydraulic and circulation oils specially designed for paper processing machinery. They are hydrolytically stable, ashless formulations that provide maximum protection the challenging conditions encountered in paper plants.

**FEATURES AND BENEFITS:**

ECOSE® Paper Machine Oils are versatile paper mill lubricants that provide:

- Ashless antiwear system designed to minimize interaction with process chemicals
- Superior oxidation resistance and thermal stability
- Outstanding rust and corrosion protection
- Effective foam suppression
- Exceptional filterability
- Increased equipment service life
- Rapid water separation
- Suitable for a wide range of applications

ECOSE® Paper Machine Oils meet the VOITH VN-108 specification.

**APPLICATIONS:**

ECOSE® Paper Machine Oils are designed for wet and dry circulating systems of paper machine gears and dryer bearings. They can also be used in other equipment where the manufacturer specifies a high viscosity detergent-type, anti-wear hydraulic or circulating oil, such as in reduction gears and gear head motors, hand oiled bearings, speed reducers, and many other types of equipment subjected to high temperatures, particulate contamination, or water.

**Typical Properties**

ISO Viscosity Grade		150	220	320
Product Code	Test Method	537301	537302	537303
Viscosity, cSt @ 40°C	ASTM D-445	142	210	316
Viscosity, cSt @ 100°C	ASTM D-445	14.5	18.8	24.8
Viscosity Index	ASTM D-2270	100	100	100
Pour Point, °F (°C)	ASTM D-97	-5(-20)	0(-18)	10(12)
Flash Point, °F (°C)	ASTM D-92	505(263)	530(277)	530(277)
Oxidation Stability (Hrs)	ASTM D-943	5,000+	5,000+	5,000+

**AVAILABILITY:**

ECOSE® Paper Machine Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit Nu-tierbrands.com.