



# Product Bulletin

## GULF PAPER MACHINE OIL

**Gulf 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:

**Gulf 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

**Gulf Paper Machine Oils** meet the VOITH VN-108 specification.

### APPLICATIONS:

**Gulf 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	<b>Test Method</b>	337301	337302	337303
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:

**Gulf Paper Machine Oils** are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853) or visit [Nu-tierbrands.com](http://Nu-tierbrands.com).

**NU-TIER BRANDS, INC.**

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