



Finnexx Baryon Oils

Circulating Oil

PRODUCT DESCRIPTION

Multi-purpose purpose, rust and oxidation inhibited circulating oil designed for use in a variety of industrial applications where anti-wear or EP properties are not required.

CUSTOMER BENEFITS

- Longer equipment life
Selected oxidation and corrosion inhibitors prevent the formation of damaging deposits, varnish and rust.
- Reliable operation
Rapid water separation and anti-foam properties ensure continued smooth and efficient operation in the event of water contamination or air entrainment.
- Long service life
Highly refined base oils and effective oxidation inhibitors provide resistance to degradation and thickening of the oil in service.

APPLICATIONS

- Non-turbine circulating oil systems in mobile and stationary industrial equipment
- Industrial equipment requiring a rust and oxidation inhibited lubricant, such as electric motor bearings, blowers, pumps, compressors, machine tools and industrial spindles
- Enclosed gear applications where an anti-wear or EP lubricant is not required
- Mobile and stationary hydraulic systems where anti-wear fluids are not required
- Bath, splash, circulating, spray and mist lubrication systems

PERFORMANCE

- Meets the requirements of German hydraulic fluid standard DIN 51524 Part 1 HL
- Appropriate viscosity grades meet ANSI/AGMA Standard 9005-E02 and David Brown (Table M) requirements for rust and oxidation inhibited gear oils



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TYPICAL TEST DATA

Characteristic	Test methods	VG 150	VG 220	VG 320
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	143	211	313
Viscosity Index	ASTM D2270	>95	>95	>95
Density at 20°C, kg/l	ASTM D4052	0.883	0.888	0.893
Foam Seq II, after blowing, ml	ASTM D892	0	0	0
Foam Seq II, after 10 minutes, ml	ASTM D892	0	0	0
Calcium, wt%	XRAY	0	0	0
Demulsibility, min.	ASTM D1401	40-40-0 (10)	40-40-0 (15)	40-40-0 (15)

Values are typical of production but will be subject to variation.

Health & Safety Note – Always maintain good levels of personal hygiene when handling mineral oils. Wear protective clothing/gloves. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information.