

GOLDENSTONE® Paper Machine Oil

Technical Data Sheet (TDS)

Industrial oils

Description and Application

GOLDENSTONE® Paper Machine Oils are produced from advanced additive package and highly refined mineral base oils with very good inherent oxidation stability and corrosion protection and excellent water separability and air-release properties to readily release entrained water and air during service.

GOLDENSTONE® Paper Machine Oils are primarily designated for use in the circulating systems of paper machines, worm gear drive units and pumps in industrial application.

Benefits

- Ensures reliable wear protection
- Rust and corrosion protection
- Excellent water separation
- High oxidation stability
- Low foaming

Specifications

ISO 3448	150, 220, 320
SKF	Paper Machine Oil
Metso	RAU4L00659.04
Voith	VN 108

Typical Characteristics

Parameter	Test Method	Typical Value		
		VG 150	VG 220	VG 320
Density at 20°C, g/ml	EN ISO 3675	0.889	0.895	0.898
Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	150	220	320
Viscosity Index	EN ISO 2909	95	95	95
Flash point COC, °C	EN ISO 2592	240	250	260
Pour point, °C	ISO 3016	-12	-12	-9
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1a		
Foaming, ml (Tendency/Stability) -Seq I, at 24°C -Seq II, at 93.5°C -Seq III, at 24°C	ASTM D 892	30/0 30/0 30/0		
Rust preventive properties in presence of distilled water	ASTM D 665, part A	Pass		
Rust preventive properties in presence of synth sea water	ASTM D 665, part B	Pass		
Water separability -time to 3 ml emulsion,min	ISO 6614	15	20	25

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com