CITGO Paper Machine Oils NZ



OVERVIEW



- Heavy duty circulating oils designed for use in paper machines.
- Engineered for severe duty service.
- High temperature stability and antiwear properties for use in the demanding systems of the pulp and paper industries.
- Exclusive non-zinc additive package provides excellent performance in paper machine applications.

FEATURES & BENEFITS



- Engineered with high-quality base oils combined with exclusive high-performance additive technology.
- Excellent resistance to foaming.
- Excellent water separation properties.
- Provides rust and corrosion protection, oxidation resistance, and wear protection.

APPLICATIONS



- Recommended for paper machine dryer bearings.
- Recommended for paper machine calender roll bearings.
- Recommended for paper machine wet end systems.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES



Typical Properties for CITGO Paper Machine Oils NZ:

Material Code	634616001	634621001
ISO Grade	150	220
Gravity, ASTM D237, °API	28.82	27.99
Specific Gravity, D4052	0.8826	0.8872
Density, lb/gal	7.35	7.39
Appearance	Bright & Clear	Bright & Clear
Color ASTM D1500	L2.5	L3.0
Flash Point ASTM D92, °C (°F)	258 (496)	264 (507)
Pour Point ASTM D97, °C (°F)	-27 (-17)	-18 (0)
Viscosity ASTM D445		
cSt at 40°C	157	229
cSt at 100°C	15.0	19.3
Viscosity Index ASTM D2270	95	95
Rust Test ASTM D665		
Distilled Water	Pass	Pass
Synthetic Sea Water	Pass	Pass
Copper Corrosion ASTM D130, 3hr @ 100°C	1b	1b
Water Separability @ 82°C ASTM D1401		
Oil, mL	40	40
Water, mL	40	40
Emulsion, mL	0	0
Time, min	15	15
Foaming Characteristics ASTM D892 (Tendency/Stability), mL		
Sequence I	0/0	0/0
Sequence II	0/0	0/0
Sequence III	0/0	0/0
Four-Ball Wear ASTM D4172, (1hr, 75°C, 1200 rpm, 15 kgf), mm	0.258	0.274
Four-Ball EP, ASTM D2783		
Load Wear Index, kgf	33.30	33.25
Weld Point, kgf	200	200

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