



Bearing Oil

Conoco Bearing Oil is a high-quality rust and oxidation inhibited oil formulated for the circulating systems that lubricate roll-neck bearings in steel and non-ferrous rolling mills.

Applications

Systems in which water and corrosive acids from the pickling solution contaminate the oil supply.

The oil neutralizes these common acids before they can etch the bearing journals and pads. This is especially valuable during shutdown periods. Bearing Oil extends bearing life and reduces the downtime required for bearing changeouts for the roll stands.

Bearing Oil is available in ISO grade 460.

Outstanding Features

- Separates easily and quickly from water
- Controls deposits, rust and corrosion
- Suited for ferrous and non-ferrous metals

**Roll-Neck Bearing
Oil For Ferrous And
Non-ferrous Metals**

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Bearing Oil
Typical Properties

	ASTM Method	460
Viscosity,	D445	
cSt @ 40°C		452
cSt @ 100°C		30.1
Viscosity Index	D2270	96
Specific Gravity, 60°F (16°C)		0.895
API Gravity		26.6
Pour Point,	D97	
°F		10
°C		-12
Flash Point (COC),	D92	
°F		575
°C		302
Total Acid Number	D974	0.4
Color	D1500	6.5
Copper Strip	D130	1A
Rust (Part A)	D665	Pass
Rust (Part B)	D665	—
Foam Characteristics,	D892	
Sequence I		0-0-0
Emulsion Characteristics,		
180°F	D1401	40-37-3(25)
Free Water,		
From Sep Funnel, ml	D4172	32.5
Free Water,		
From Centrifuge, ml		0.6
Free Water, Total, ml		35.85
Water in Oil, %		0.25
Emulsion, ml		0

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