



LUBRICANTS



Product Data Sheet

Stainless Metal 13B

Cold Roll Oil

Mineral type roll oil used primarily to lubricate and cool the rolls and strips in the cold rolling of ferrous and non-ferrous metals. This roll oil or “roll coolant” is specially compounded to meet a variety of conditions and applications required in the cold rolling of stainless steel, copper, brass, titanium, and aluminum.

Features and Benefits

- Anti-wear properties, non-zinc formulation
- Outstanding load carrying protection
- High stability to oxidation, long fluid life
- High resistance to the formation of foam

Applications

- Sendzimir milling applications
- Bearings in cluster type mills

Typical Properties

Product Code	Test Method	335201
Viscosity, cSt @ 40°C	ASTM D-445	9.5
Viscosity, cSt @ 100°C	ASTM D-445	2.6
Color	Visual	Dark
Flash Point, COC, °F (°C) (min)	ASTM D-92	300 (149)
Chlorine Content		No
Phosphorus Content		Yes
Sulfur Content, ppm		0.01
API Gravity, 60°F	ASTM D-1298	31.4
Density, lbs/gal (g/L)	Calculated	7.09 (850)
Four Ball EP, Weld, kg	ASTM D-2783	250
Copper Corrosion, 3h @ 100°C	ASTM D-130	1A

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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