



Product Data

Syntilo 9904

Synthetic coolant

Description

Castrol Syntilo® 9904 is a synthetic coolant which has been developed for use as a general purpose grinding and medium to heavy duty machining fluid for ferrous metals. It forms a clear, stable solution in both hard and soft waters. Syntilo 9904 exhibits good anti-corrosion properties coupled with a high resistance to bacterial attack.

Application

Syntilo 9904 is developed for surface, cylindrical, double disk, internal and centerless grinding. Syntilo 9904 is also recommended for honing, milling, turning, boring, drilling, tapping and gear hobbing on cast iron, low carbon and alloy steel.

Advantages

- Versatile product will perform on majority of machining and grinding applications
- Low foaming in all water conditions to ensure continuous grinding performance
- Inhibits microbial growth to extend fluid life in central systems and individual sumps
- Rejects tramp oil to the surface of the fluid for easy removal
- Chlorine, phenol and nitrite free for environmental compliance
- Maintains corrosion protection in hard water
- Settles chips quickly to prevent grinding wheel build-up and maintain a clean working environment

Typical Physical Characteristics

Concentrate	Test Method	Units	Value
Appearance	Visual		Light Yellow
Specific Gravity @ 15.6° C	CN-TM-084	g/cm ³	1.05 typical
Dilution			
Appearance 5%	Visual		Transparent
pH 5%	CN-TM-069		9.0 typical
Refractometer Factor		BRIX unit Multiplier	1.9

Subject to usual manufacturing tolerances

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BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470
Telephone: +1-888-CASTROL Product Information: +1-877-641-1600
www.castrol.com/en_us/b2b/home.html