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technical data sheet

Signal Cut 300S Red Oil

Product Application:

Signal Cut 300S Red Oil is a revolutionary cutting edge, light viscosity, low odor, mineral, vegetable ester, synthetic blend, heavy duty cutting oil, formulated for high speed sawing applications and providing for the technical precision machining cuts encountered in modern computer and numerical controlled saws (or CNC machines) where fine finishes, high heat dissipation and maximum flush of fines are required.

Signal Cut 300S Red utilizes carefully selected pure mineral and sheer stable synthetic base stocks blended with technologically advanced sulfurized vegetable ester polymer additives and further fortified with chlorinated paraffins to provide for an excellent heavy duty cutting fluid excelling in the cutting of ferrous and non-ferrous metals as well as exotic materials such as Hastelloy and titanium.

Package Size:

Bulk, Drums, Pails

Features and Advantages:

- *Superior wetting and penetration at point of cut
- *Excellent High Heat Dissipation Capabilities
- *Mist Suppressant Technology – Minimizing fogging and spray mist
- *Increased production resulting from longer tool life and reduced downtime
- *Unparalleled lubricity
- *Pleasant odor with a distinguishable red color

Typical Characteristics:

Viscosity, ASTM D 445	
cSt @ 40°C	7.5
cSt @ 100°C	2.5
Pour point, °C. ASTM D 97	-15
Flash, °C, ASTM D 92	165
Specific Gravity @ 15°C kg/l, ASTM D 1298	.954
Color	Red
Sulphur Ester	1.5%

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