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Astro-Sol C HD

Overview

ASTROSOL C HD is an extreme duty soluble oil concentrate designed for the most demanding machining operations where controlled foam and cleanliness are required. The unique combination of chlorinated extreme pressure additive, modern boundary lubricants and a controlled-foam emulsifier package brings outstanding performance to the most severe applications. ASTROSOL C HD is formulated with a high level of stabilized chlorinated EP additive using a synthetic emulsification platform that is very stable and exceptionally low foaming.

Applications

ASTROSOL C HD is designed for use in heavy duty metal removal, deep hole drilling, tapping and threading, as well as all conventional machining processes and sawing.

Features Benefits

- Controlled Foam
- Mild Pleasant Odor
- Excellent Corrosion Inhibition
- Long Lasting
- Excellent Hard Water Stability
- Operator Friendly

Recommended Concentration

Application	Concentration	Ratio	Refractometer
Tapping, Sawing, Reaming	10%	1:10	11.6
General Machining	5% - 10%	1:20 – 1:10	5.8 – 11.6
Grinding	4%	1:25	4.6

Mixing

Concentration	4%	5%	6%	7%	8%	9%	10%
Ratio	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Refractometer	4.6	5.8	7.0	8.1	9.3	10.4	11.6

Typical Properties

Appearance-Concentrate	Amber, slight hazy liquid
Appearance - Dilution	Opaque white
Residual Film	Soft, fluid
pH @ 20:1	10.0 ± 0.2
Specific Gravity @ 60°F	1.0± 0.03
Lbs/Gallon	8.34 ± 0.1
Total Chlorine, wt %	14 - 16
Flash point, PMCC	355

Material Safety Data Sheets are available for all products.
All reasonable care has been taken to ensure
that the above information is accurate as of the date of printing.