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LUBRISTAY™ 420

Metalworking

Very Long Chain Chlorinated Paraffin

Application

Lubristay 420 is a formulated very long chain chlorinated paraffin. It is also a proven extreme pressure additive for straight oil and soluble oil metalworking forming operations. Also useful as flame retardant and plasticizer in polymers. Lubristay 420 also acts as a flame retardant, plasticizer and lubricant in adhesives, caulks, sealants and coatings

The C-21 chlorinated paraffin used in Lubristay 420 continues to be approved for this use by the EPA under CAS #1402738-52-6

Typical Properties

Test	Typical
Color, gardner	2
Specific gravity at 25° C	1.15
Chorine Content, % wt.	40
Viscosity @ 100° C, cSt	35
Viscosity @ 40° C, cSt	700

Benefits

- Excellent for extreme pressure applications
- Completely soluble in naphthenic and most paraffinic oils
- Low foaming
- Excellent hydrolytic, thermal and oxidative stability

Suggested Formulation Details

Lubristay is used from 5-50% in the straight or soluble oil concentrate depending on the use:

- Soluble oils for machining 4 – 8%
- Soluble oils for drawing and stamping 5 – 15%
- Straight oils for machining 5 – 15%
- Straining oils for drawing and stamping 10 -40%

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	Ambient
Recommended Minimum Temperature for Use	Ambient
Flash Point	>100° C COC

*Long term storage at temperatures above this may result in loss of performance.



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