Product	Type

LUBRISTAY™ 25   Metalworking

High molecular weight polymeric ester

Application

Lubristay 25 is a formulated polymeric lubricity and extreme pressure additive for straight, soluble and semi-synthetic metalworking and metal forming operations.

Lubristay 25 reduces or eliminates the need for EP additives based on chlorine, sulfur, lard and phosphorous.

Lubristay 25 is free from chlorine, sulfur and phosphorous

Typical Properties

Test	Typical
Appearance	light color viscous liquid
Specific gravity at 25° C	1.00
Total acid number, mg KOH/g	18
Viscosity @ 100° C, cSt	300

Benefits

- Excellent for extreme pressure applications
- Completely soluble in naphthenic and most paraffinic oils
- Low foaming
- Biologically stable
- Easy to mix with corrosion inhibitors and other additives
- Excellent hydrolytic, thermal and oxidative stability

Suggested Formulation Details

Lubristay is used from 1-15% in the concentrate depending on the use in:

- Soluble, straight or semi-synthetic metalworking fluids
- Drawing and stamping fluids

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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