



# Technical Data Sheet

<b>Product</b>	<b>Type</b>
----------------	-------------

**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.



### TRU Full Circle Additives

Technical Data Sheet

810-776-8440

[www.truadditives.com](http://www.truadditives.com)

## TRU Full Circle Additives

4302 James P Cole Boulevard Flint, MI 48505

Phone: 1-810-776-8440 Fax 1-810-776-8540

[www.truadditives.com](http://www.truadditives.com)

[customerservice@truadditives.com](mailto:customerservice@truadditives.com)

**DISCLAIMER:** To the best of our knowledge, the information and recommendations contained herein are accurate. However, this information and recommendations are furnished without any warranty, representation or license of any kind. Users of our products are encouraged to run their own tests to ensure product fitness for their applications. Furthermore, users assume sole liability for any patent infringement that occurs by reason of following our recommendations or using the information given

Lubristay is a Trademark of TRU Additives, LLC

11/1/2017