



# Technical Data Sheet

| Product               | Type  |
|-----------------------|---|
| <b>LUBRISTAY™ 456</b> | <b>Metalworking<br/>Medium Chain Chlorinated Paraffin</b> |

## Application

Lubristay 456 is a mid-chain chlorinated paraffin used as an EP additive for metalworking fluids primarily in drawing, stamping and straight oil applications. It is also useful in flame retardants and plasticizers.

## Typical Properties

| Test                       | Typical |
|----------------------------|---------|
| Specific gravity at 25° C  | 1.32    |
| Density, pounds per gallon | 11.1    |
| Chlorine, % by Wt.         | 56      |
| Carbon Chain Length        | 14-16   |
| Viscosity @ 100° C, cSt    | 27      |
| Viscosity @ 40° C, cSt     | 1800    |
| Viscosity @ 210° F SUS     | 130     |
| Viscosity @ 100° F SUS     | 1800    |
| ASTM Color                 | 2       |

## Benefits

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

## Storage and Handling

|  |             |
|--|-------------|
| Recommended use and Long Term Storage Temperature* | Ambient     |
| Flash Point  | >450° C COC |



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