

Product	Type
LUBRISTAY™ 452	Metalworking Medium Chain Chlorinated Paraffin

Application

Lubristay 452 is a mid-chain chlorinated paraffin and is the industry standard as an EP additive for metalworking fluids. It is also useful in flame retardants and plasticizers. For metalworking fluids, Lubristay 4520 is used primarily in drawing, stamping and straight oil applications.

Typical Properties

Test	Typical
Specific gravity at 25° C	1.28
Density, pounds per gallon	10.7
Chlorine, % by Wt.	52
Carbon Chain Length	14-16
Viscosity @ 100° C, cSt	14
Viscosity @ 40° C, cSt	335
Viscosity @ 210° F SUS	71
Viscosity @ 100° F SUS	1575
ASTM Color	1

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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