



Technical Data Sheet

Product	Type
LUBRISTAY™ 445	Metalworking Medium Chain Chlorinated Paraffin
Application	
Lubristay 445 is a mid-chain paraffin chlorinated to 45%. For use as an EP additive for metalworking fluids and as a flame retardant and plasticizer in polymers. For metalworking fluids, Lubristay 445 is used primarily in drawing, stamping and straight oil applications.	
Typical Properties	
Test	Typical
Specific gravity at 25° C	1.16
Density, pounds per gallon	9.7
Chlorine, % by Wt.	45
Viscosity @ 100° C, cSt	6
Viscosity @ 40° C, cSt	57
Viscosity @ 210° F SUS	46
Viscosity @ 100° F SUS	264
Gardner 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



LOCKHART

Technologies for
Better Surface Protection

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