



Technical Data Sheet

Product	Type
LUBRISTAY™ 453	Metalworking Medium Chain Chlorinated Paraffin – Higher Viscosity
Application	
Lubristay 453 is a mid-chain higher viscosity chlorinated paraffin. For use in formulating metalworking fluids especially drawing, stamping and straight oil applications. It is also useful in flame retardants and plasticizers.	
Typical Properties	
Test	Typical
Specific gravity at 25° C	1.30
Density, pounds per gallon	11.0
Chlorine, % by Wt.	53
Carbon Chain Length	14-16
Viscosity @ 100° C, cSt	20
Viscosity @ 40° C, cSt	800
Viscosity @ 210° F SUS	95
Viscosity @ 100° F SUS	4000
Viscosity, Poise @25° C	65
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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