



LUBRICON
SPECIALTY LUBRICANTS & CHEMICALS



USL-600 & 650 High Temperature Synthetic Bearing and Chain Lubricant

Applications

USL-600 & 650 are non-petroleum high temperature and anti-wear lubricants formulated from a blend of synthesized natural esters and the most advanced additive technology in the industry today. They are designed for use in fiberglass plants, foundries, steel mills, automotive plants, paper mills, rubber plants, textile mills, can plants, plywood and veneering plants, and glass plants. USL-600 & 650 can easily be applied through all manual or automated systems.

Characteristics

- Perform at temperatures in excess of 600°F
- Upon evaporation leave no significant residue
- Non-carbonizing, contain no petroleum oil
- No sludge or deposits left behind as with products containing molybdenum disulfide or graphite.
- Hydrocarbon emissions greatly reduced.
- Increased fire safety with very high flash and fire points.
- Corrosion protection for both ferrous and non-ferrous metal.
- Resist evaporation loss at high temperatures far better than competitive synthetics.
- Maximum lubrication protection with a minimum of consumption - extends lubrication cycles.
- Last longer and go further, while they out-perform petroleum oil and other synthetic lubricants.

Typical Properties	ASTM Test Method	USL-600	USL-650
ISO Viscosity Grade	D-2422	100-150	220
Viscosity	D-445	cSt @ 100° C	15.7
		cSt @ 40° C	20.9
Pour Point	D-97	134	215
Flash Point	D-92	-30	-20
Fire Point		Min. 560 (580-600 typical)	Min. 580 (585-610 typical)
4 Ball Wear Scar, Diameter, mm	D-4172	675	695
Oxidation and Corrosion Stability Test, 72 hrs. @ 400°F	FTM Std. 791B	0.42	0.40
		Pass	Pass

Revision Date: 06/21/2004