

LUBRILAM



METALWORKING



TOTAL

Rolling Oil.

APPLICATIONS

- **LUBRILAM** oils are bright, clear, light viscosity rolling oils. They are non-staining to all metals and provide high thermal and oxidation stability.
- **LUBRILAM** oils are compounded with lubricity agents, metal deactivators, and anti-oxidant additives which provide excellent cooling, good friction control for balanced "bite and slip" and good bearing protection.

LUBRILAM oils are recommended for rolling on Zenzimir rolling mills of various metals.

- **LUBRILAM 219 S** - brass, copper
- **LUBRILAM 600 S** - brass, copper
- **LUBRILAM 5173 S** - brass, copper, steel
- **LUBRILAM 5327 S** - all steel including stainless
- **LUBRILAM 9526 S** - steel

ADVANTAGES

- High thermal and oxidation stability.
- Non-staining.
- Good compatibility with elastomers and seals.
- Low temperature properties.
- Low volatility.

TYPICAL CHARACTERISTICS	METHODS	LUBRILAM				
		219	600	5173	5327	9526
Appearance	Visual	Bright Clear Yellow Liquid				
Color	ASTM D 1500	1.0	1.0	2.0	2.0	1.0
Viscosity at 40°C, cSt	ASTM D 445	11.5	11.6	15.0	18.5	11.5
Viscosity at 100°F, SUS	ASTM D 445	65	65	85	95	65
Viscosity Index	ASTM D 2270	>95	>95	>95	>95	>95
Density @ 60°F, lbs./gal.	ASTM D 1298	7.20	7.20	7.20	7.22	7.24
Specific Gravity @ 60/60°F	ASTM D 1298	0.864	0.864	0.864	0.876	0.869
Flash Point, COC, °F	ASTM D 92	360	360	370	350	360
Copper Strip Corrosion	ASTM D 130	1A	1A	1A	1A	1A

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