



# TECHNICAL DATA SHEET

## Type T38 Lubricant

Mighty Lube® Type T38 is a unique synthetic lubricant designed to lubricate bearings, chains, slides, and gears in industrial applications where air temperatures often exceed 500°F. They are ashless fluids and do not contain residue forming solids. In addition, Mighty Lube® Type T38 contains proprietary ashless esters to make it suitable in applications like chains and bearings that run at high temperatures. Type T38 will not leave particles behind at high temperatures.

### SOME OUTSTANDING TYPE 38 ADVANTAGES ARE:

#### EXCEPTIONAL HIGH TEMP STABILITY

Type T38 is made from polyol esters. This unique feature results in no carbon or varnish deposits in high temperature applications; also, it will break down old carbons or varnishes left by other oils or lubricants.

#### CLEANLINESS

Type T38 is an ashless lubricant; this helps eliminate the accumulation of solids that create maintenance clean-up problems and downtime. In fact, T38 is often credited with helping to clean chains already dirtied by inferior lubricants.

#### LOW VOLATILITY

T38 maintains a liquid lubricating film at elevated temperatures, thus providing substantially longer lubrication intervals, reduced lubricant consumption, and less smoke.

#### ENERGY EFFICIENT

Because T38 is a clean, fluid-film lubricant, it will frequently provide significant reductions in equipment energy consumption.

#### BETTER PROTECTION

T38 is formulated to provide excellent protection against wear, rust, oxidation and corrosion, thus extending equipment life and reducing maintenance costs.

#### OPTIMUM VISCOSITY

T38 is balanced to provide thorough penetration at lower application temperatures, and optimum lubrication protection in severe applications.

### TYPICAL SPECIFICATIONS

Viscosity Grade	30	Fire Point (ASTM D-92)	620 °F 327°C	Rust Test Distilled Water, 48hrs (ASTM D-665-A)	PASS
Viscosity cSt (ASTM D-455)	11.0 @210°F 74 @110°F	Ash, wt. % (ASTM D-482)	<0.01 %	Sea Water, 48hrs (ASTM D-665-B)	PASS
Viscosity (ASTM D-455)	63 @210°F 345 @110°F	Evaporation Loss wt. % (6.5hrs @ 400° F) (ASTM D-972)	1.2 %	Density @ 60°F, lbs./gal. (ASTM D-1298)	8.23
Viscosity Index	150	Evaporation Loss wt. % (20hrs @ 450° F) (ASTM D-972)	10 %		
Pour Point (ASTM D-97)	-45°F -43°C	Four Ball Wear Scar (1hr, 1200 rpm, 40 kg, 167° F) (ASTM D-2266)	0.38 mm		
Flash Point (ASTM D-92)	>550°F >290°C				

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