

TECHNICAL DATA SHEET

V-360 COUPLING GREASE

V-360 Coupling Grease is a tacky, lithium-polymer thickened grease specifically formulated for long term lubrication of greased mechanical couplings including gear tooth, chain type, and steel grid designs. V-360 is used in couplings of any size & at high speed.



Results of the high-speed centrifugal test (ASTM D-4425) have shown that the dual thickener used in V-360 permits only miniscule oil separation even at 15,000 rpm. Oil separation is the major cause of lubricant failure in couplings.

Robust anti-wear and extreme pressure additives in combination with a high viscosity fluid assure protection from abrasive wear that is generated by low amplitude, high frequency rubbing motion common to industrial coupling

Applications: all sizes of gear, chain, and grid couplings (where grease is recommended) and slow moving, heavily loaded bushings and wire ropes, especially where water contamination exists. Not for rolling element bearings (ball bearings, roller bearings, etc.).

Benefits/ advantages:

- Extended life - - provides extra measure of security & reduces maintenance labor
- Wide scope of usage - - couplings of all sizes and speeds
- Wide temperature range - - usable from 14°F to 220°F (-10° C to 104° C)

		Characteristics
	NLGI Grade	1
D-217	Cone Penetration, Worked	331
D-2265	Dropping Point, °F (°C)	480 (249)
D-445	Kinematic Viscosity (Base oil without polymer)	
	cSt @ 40°C	390.0
	cSt @ 100°C	27.5
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	7.48
D-2509	Specific Gravity, g/cc @ 60°F (15.5°C)	0.89
D-2596	Timken OK Load, lb	>40
	Four Ball EP	
	Weld Point, kg	315
	Load Wear Index, kg	46
D-2266	Four Ball Wear, Scar Width, mm	0.50
D-4049	Water Spray-Off, % Loss (Standard at 40 psi, 5 min., 100°F)	2.9
D-1743	Rust Test	Pass
D-4048 (Modified)	Copper Strip Corrosion 12°F (100°C) @ 3 hrs	1B
OEM Standard	Low Temperature Pumpability Lincoln Ventmeter, °F (°C)	28 (-2)
D-4425	Oil Separation, Kopper Method, K36 @ 24 hrs, % Loss	<1
D-942	Oxidation stability, psi drop	<5
	Thickener Type	Lithium and Polymer

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