



Moly D-3 Grease

Moly D-3 Grease is a superior multi-purpose **molybdenum disulfide** containing grease possessing excellent lubrication characteristics for a wide range of anti-friction and plain bearings, king pins, gears and couplings in automotive, marine, agricultural and industrial application. The "Moly" with extreme pressure and anti-wear properties enable the grease to give long service life under high loading and shock loading conditions from low temperature to very high temperature environments. These special characteristics of shear stability, combined with the inclusion of effective rust, oxidation and corrosion inhibitors, and tackiness adhesive additives, ensures this grease is the preferred recommendation for extended life anti-friction bearings.

SEALED FOR LIFE BEARINGS have assured long service life due to the exceptional oxidation, rust and corrosion resistance of Moly D-3 Grease. With extended service, it maintains its original consistency. It will not thicken since it resists oxidation. It will not thin out because Moly D-3 Grease is shear resistant.

WATER RESISTANCE. Where water contamination or the water washout contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of Moly D-3 Grease to water washout. In these situations it gives protection against rusting and corrosion. In extreme situations the "Moly" further assists in providing lubrication even if some of the carrier grease has been removed in prolonged water contaminating environments.

Moly D-3 Grease is the prime recommendation for extended life in plain, ball and roller bearings, and other applications requiring grease lubrication; in all automotive, including truck, buses, agricultural, marine, industrial and construction equipment. Excellent recommendation for ball joints which demand characteristics which will ensure minimum wear and minimum torque with complete protection against rust.

TYPICAL PROPERTIES

Description	Units	Method	Typical
Appearance	--	Visual	Black, smooth and tacky
NLGI Grade		ASTM D 217	No. 2
Base Oil			
Viscosity @ 40°C	cSt	ASTM D 445	210
Viscosity @ 100°C	cSt	ASTM D 445	18.5
Drop Point	°C	ASTM D 2265	260 +
Water Washout @ 80°C	%	ASTM D 12643.5	
Wheel Bearing Leakage	grams	ASTM D 12631.5	
Oil Separation 24Hr/25°C	kPa	ASTM D 17422	
Ox Resist Press Drop (100hr)		ASTM D 942	15 kpa
Timken OK Load	Kg	ASTM D 2509	23
4-Ball Weld	Kg/f	ASTM D 2596	315
4-Ball Wear Scar	mm	ASTM D 2266	0.48
Rust Test	--	ASTM D 1743	No Rust

