Omega 64

The Ultimate Lubricant

DESCRIPTION:

Omega 64 is a scientifically-developed, ultra-tacky, heavy-duty and tenacious lubricant. Its aim is the ultimate in lubrication protection for track roller, pin and bushing systems.

OXIDATION RESISTANCE:

Omega 64 has special oxidation inhibitive qualities that resist oxidation. Ordinary greases used for track roller systems easily squeeze out, leaving the vital metal surfaces exposed to oxidation. Oxidation is the forerunner of cancerous corrosion and its resultant downtime.

ESPECIALLY BUILT FOR TRACK ROLLER SYSTEMS:

Omega 64 has built-in elasticity that provides the stretchability necessary for track roller system lubrication. It contains lubrimyostic elastomers that form millions of long-strand films. These fine films perform the essential job of stress curve lubrication during track roller link-up chain movement.

BUILT TO RESIST CONTAMINATION:

Track roller systems are invariably used in areas where abnormal dust, dirt, grit and similar conditions prevail. Ordinary greases adopted for track roller systems readily absorb dust, dirt and grit. This rapidly forms an abrasive mixture that causes premature wear. Omega 64 however, has built-in 'self healing qualities' that actually form an outer shell after application. This keeps dust, dirt, grit and other contaminants out.

EXTREME PRESSURE:

Omega 64 is loaded with extreme-pressure supplements that resist-

Compression	Impact	Loading
Velocity	Shock	Force
Pressure	Squeeze Out	

RESISTS SQUEEZE-OUT:

Omega 64 stays in position after application. Ordinary greases form large periphery deposits that absorb contaminants and eventually break loose and damage the system. Omega 64 retains its NLGI 00 texture and will not squeeze out. It forms an even, balanced lubricant layer of 'bearings' between frictional faces.

TEMPERATURE-STABLE:

Omega 64 retains its texture at both high and low temperatures. At high temperature, ordinary greases thin out, become liquid and drip off the surfaces intended for lubrication. At cold temperatures, most greases become hard and solidify making lubrication impossible and, during the solidifying process, cause extreme drag and thereby waste energy.

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT
Mineral Oil Base: -		
Viscosity @100°F, SUS	D-88	3000
Flash point, COC, °C (°F)	D-92	185(365)
Dropping Point, °C (°F)	D-566	Not Applicable
Worked Penetration @25°C	D-217	400-430
Rust Prevention	D-1743	#1 rating
Oxidation Stability, P.S.I. drop in 100 hrs	D-942	5 max.
Water Washout, % loss after 2 hrs. @175°F	D-1264	4
Extreme-Pressure Properties	D-2596	#1 rating
Oil Separation, %	D-1742	Nil
Evaporation loss, % loss, 500 hrs.	IP183/63T	0.07
NLGI Grade	-	#00
Operating Temperature Range, °C (°F)	-	-7 to 149 (20 to 300)
Color	-	Grey