



The Ultimate Lubricant

57

DESCRIPTION:

Omega 57 is a completely water-resistant, extreme-pressure bearing lubricant with mercurial wear-resistance characteristics. It contains specially-developed high-impact resisting supplements. This remarkable grease solves wheel bearing problems where heat, water and extreme conditions are present. The unique Omega Megalite supplements incorporated into Omega 57 ensure longer service life since equipment on which it is used will operate under considerably cooler conditions, thereby providing a new dimension in downtime prevention.

FRICION OF COEFFICIENT:

Omega 57 reduces the friction of coefficient of close tolerances. Irregardless of design, Omega 57 "works" its way into the system to protect the moving surfaces -including expensive bearings.

PRESSURE PERFECT:

Omega 57 is capable of resisting severe and continuous impact. This characteristic of the lubricant enables it to prevent wear and to allow the bearings to function (as they were designed to function) - without hindrance.

EXCELLENT SHEAR STRENGTH:

Omega 57 has excellent shear stability and very low separation. This almost unique quality provides the tenacity essential for the protection of hard wearing bearings.

COHESIVE QUALITIES:

Omega 57 has the ability to resist even the most severe conditions and will not break down or disintegrate as ordinary greases will. Omega 57 will not alter or soften in wheel-bearing applications due to its resistance to high temperature.

APPLICATIONS:

Wheel bearing loads are concentrated in small areas. The points of greatest pressure are considered to be either the cone bearings or ball bearings. Water attack causes the greatest damage. Omega 57 resists water and, as a result, protects bearings from oxidation.

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT		
		#1	#2	#3
NLGI Grade	-	#1	#2	#3
Mineral Oil Base: -				
Specific Gravity @15.0°C (60°F)	D-1298	0.9143	0.9143	0.9143
Viscosity @210°F, SUS	D-88	250-350	250-350	250-350
Viscosity Index	D-2270	110	110	110
Flash Point, COC, °C (°F)	D-92	232(450)	232(450)	232(450)
Pour Point, °C (°F)	D-97	-12(10)	-12(10)	-12(10)
Dropping Point, °C (°F)	D-566	246(475)	249(480)	249(480)
Worked Penetration @77°F, 150 gm cone	D-217	310-340	265-295	220-250
Timken OK load, lbs. min.	D-2509	40	40	40
Rust Prevention	D-1743	#1 rating	#1 rating	#1 rating
Oxidation Stability, lbs. loss in 100 hrs.	D-942	5 max.	5 max.	5 max.
Roll Stability, Point Change	D-1831	N.A.	40	40
Wheel Bearing Test, % loss	D-1263	N.A.	10	10
Operating Temperature Range, °C (°F)	-	-7 to 204 (20 to 400)	-7 to 204 (20 to 400)	0 to 204 (32 to 400)
Color	-	Blue, Sparkle	Blue, Sparkle	Blue, Sparkle

The characteristics given above are typical of current production only and slight batch to batch variations should be expected.