



57

OMEGA 57 Super Bearing Grease

SUPERTECH
SERVICES PVT. LTD.
Complete Welding Solutions

For more information visit us at : www.supertechservices.in



Super Bearing Grease

- *Quality engineered for high-impact & extreme-pressure conditions.*
- *Super supplements & "Megalite" additives ensure unmatched performance.*
- *Resists water to protect against corrosion and oxidation.*

TRUST *Save Money*
OMEGA *Enhance Performance*
TO *Extend Service Life*

MAGNA INDUSTRIAL CO. LIMITED
Total Quality Maintenance



SPECIAL FEATURES

Omega 57 Super Bearing Grease is truly an "All-Purpose Lubricant" designed to give optimum results in both vehicle and equipment bearings as well as chassis greasing points.

- **Omega 57** is quality engineered for use in a wide variety of high impact and extreme pressure conditions.
- **Omega 57** contains super supplements and Omega's exclusive "Megalite" additives that form a wear-resistant film on metal surfaces to minimize metal-to-metal contact.
- **Omega 57** is formulated for excellent resistance to water – protects working surfaces against corrosion and oxidation.

OUTSTANDING PROPERTIES

Omega 57 is the super bearing grease that:

- Solves roller bearing problems where heat, water and extreme conditions are present.
- Provides the greatest "Margin of Protection", having a minimum Dropping Point of 480°F (249°C).
- Sets up its own seal against dirt, dust and water.
- Is super cohesive – will not channel to outer bearings to leave bearings unprotected.

USE FOR

Omega 57 features high fiber strength paraffinic base oils to provide unprecedented built-in toughness. **Omega 57** is triple milled for rapid penetration into even close-fitting, tight tolerance bearings and fittings.

Use **Omega 57** as a general purpose grease lubrication on all types of bearings and vehicle chassis lubrication points.

Omega 57 is also suitable for outdoor applications due to its excellent sealing action.



Omega

The Ultimate Lubricant

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The information contained in this publication supersedes all relevant information previously released and is to the best of our knowledge and accurate at the time of issue on 5 October, 2010.

Omega 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.

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.

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.

FRICITION OF COEFFICIENT:

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

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	225-255
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

For more details :

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