

Omega 58

DESCRIPTION:

Omega 58 is a controlled-purity lubricant developed for universal use in food-

contact type industries. Its composition is based on a proportionate quantity of Al/Stearoylbenzoyl and Isopropylolate. These two basics, in addition to a combination of specially formulated additives and modifiers that constitute a breakthrough in purity-lubrication.

HIGH OPERATING STANDARDS:

Omega 58 is capable of meeting extremely tough operating standards. Special rust and oxidation inhibitors prevent machinery deterioration and ensure long-term production. Acid neutralizers, by way of the unique Omega Megalite supplements, ensure that metal surfaces are provided with ultimate protection, while exhibiting no harmful or toxic effects in contact with food.

SUPPLEMENTS:

Foam Inhibitors	Yes
Anti-oxidants	Yes
Anti-odorants	Yes
Wear Resistors	Yes
Biodegradable Materials	Yes
Demulsifiers	Yes
Dyes	Yes
Extreme-Pressure Properties	Yes
Metal Deactivators	Yes
Minerals	Yes
Phenol-Alpha Trivenalyamine	Yes
Rust Preventatives	Yes



Nonfood Compounds Program Listed
Category Code : H1
Registration Number : 132439

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OPIM58-1	Version 1.0	Revision 1.0	Rev. Date: 12 January, 2010	Reference: CKL
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TYPICAL DATA:

TEST	ASTM EST METHOD	TEST RESULT	
Mineral Oil Base: -		NLGI #2	NLGI #0
Specific Gravity @15.0°C (60°F)	D-1298	0.9015	0.9015
Viscosity @100°F, SUS	D-88	300-400	300-400
Flash Point, COC, °C (°F) min.	D-92	177(350)	177(350)
Pour Point, °C (°F) max.	D-97	-12(10)	-12(10)
Drop Point, °C (°F)	D-566	238(460)	N.A.
Worked Penetration, @77°F, 150 gm. Cone	D-217	265-295	355-385
Timken OK Load, lbs	D-2509	40	40
Four Ball EP, Weld Point, Kgf	D-2596	200	200
Four Ball Wear, Scar Diameter, mm	D-2266	0.6	0.6
Oxidation Stability, P.S.I. loss in 100 hrs.	D-942	5 max.	5 max.
Operating Temperature Range, °C (°F)		-18 to 149 (0 to 300)	-18 to 149 (0 to 300)
Color	-	White	White

PURITY STANDARDS:

Omega 58 is considered by many maintenance engineers as "the" universal food-contact lubricant. Omega 58 withstands severe waterwash (ASTM D1264) and does not alter under extreme temperature fluctuations. Its versatility provides the answer to the many current industrial equipment problems in the food and beverage industries.

APPLICATIONS:

Omega 58 can be used in every industry where lubricant contact with food is likely to cause contamination problems. Omega 58 is applied to Steam Bottle Washing Plants, Hospitals, Veterinary Services, Wineries, Vegetable Sorting and Processing Industries, Fruit Packing Equipment, Restaurants and Hotels, where edible and health material is produced for eventual consumption.

Omega 58 is also ideal for abattoir and poultry handling systems.

OMEGA 58 has the USDA HI rating. All ingredients used in Omega 58 meet the requirements of Section 21 CFR 178.3570 of the U.S. Federal Food, Drug and Cosmetic Act.