



Superior Food Machinery Grease

- *Purity-controlled – formulated specially for clean environment applications.*
- *Withstands variety of acids common to food production.*
- *Provides excellent water & wash-out resistance.*

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



Nonfood Compounds Program Listed
Category Code : H1
Registration Number : 165672



TW
PERFORMANCE
POLYMERS & FLUIDS®

SPECIAL FEATURES

Omega 58 Superior Food Machinery Grease is "The Universal Food Contact Lubricant" that is so pure you can eat it!

- **Omega 58** is purity-controlled and quality formulated especially for food and beverage industries and other clean environment applications.
- **Omega 58** withstands a variety of acids found in food production, including citric, acetic, malic, tomato and tartaric acids.
- **Omega 58** provides excellent water and wash-out resistance, making it the ideal choice for food and beverage use.

OUTSTANDING PROPERTIES

Omega 58 is the superior food machinery grease that:

- Is made from superior quality base materials compounded with a special filler and highly refined paraffinic oils.
- Features Omega's unique "Megalite" supplements to ensure metal surfaces are provided with durable and long-lasting protection.
- Does not alter even under extreme temperature fluctuations – will not thin out under warm conditions nor become brittle at cold temperatures.
- Stands up to detergents and cleaning compounds commonly used in clean environment processing areas.

USE FOR

Omega 58 can be successfully used in every industry where lubricant contact with food is likely to cause contamination problems.

Use **Omega 58** in:

- Steam Bottle Washing Plants • Hospitals • Veterinary Services • Wineries • Dairies • Canners and Allied Industries • Vegetable Sorting and Processing Industries • Fruit Packing Equipment • Restaurants and Hotels •
- Anywhere where edible and health material is produced for eventual consumption.

Omega 58 is also the right choice for abattoir and poultry-handling systems.



Omega
The Ultimate Lubricant

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The information contained in this publication is to the best of our knowledge and accurate at the time of issue in March 2022

DESCRIPTION:

Omega 58 is a controlled-purity lubricant developed for universal use in food-contact type industries. Its composition is based on a complex type of thickener and an advanced package of additives to offer high performance in purity lubrication.

PURITY STANDARD:

Omega 58 is considered by many maintenance engineers as "the" universal food-contact lubricant. Omega 58 withstands severe water wash (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.

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 Trivenalylamine	Yes
Rust Preventatives	Yes

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.

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.

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT	
		NLGI #2	NLGI #0
Blend Synthetic Oil Base: -			
Viscosity, cSt @40°C	D-455	100	100
Flash Point, COC, °C (°F) min.	D-92	>200(392)	>200(392)
Pour Point, °C (°F) max.	D-97	<-40(-40)	<-40(-40)
Drop Point, °C (°F)	D-2265	>230(446)	N.A.
Worked Penetration, @77°F, 150 gm. Cone	D-217	265-295	-
Four Ball EP, Weld Point, Kgf	D-2596	500	500
Operating Temperature Range, °C (°F)		-40 to 165 (-40 to 329)	-40 to 165 (-40 to 329)
Color	-	off White	off White

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