



*The Ultimate Lubricant*

# 58



Nonfood Compounds  
Category Code : H1  
Registration Number : 157641

## 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

**OMEGA 58 has the USDA H1 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.**

## 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-566	>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.