



The Ultimate Lubricant

38



Nonfood Compounds
Category Code : H1
Registration Number : 135702

DESCRIPTION:

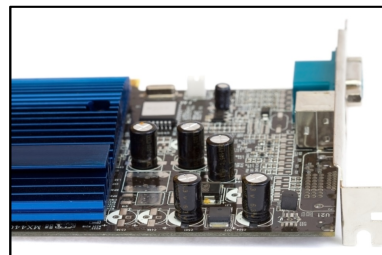
OMEGA 38 Crystal Clear FG Grease is the most advanced multi-purpose synthetic food grade grease, characterized by its crystal clear formation. OMEGA 38 is colorless, satisfying an array of industries with specific needs, e.g. food processing plants, pharmaceuticals, canneries, printing plants, paper mills, electronics plants, etc.

KEY APPLICATIONS:

OMEGA 38 is an ideal multi-purpose, synthetic greasing solution for all types of lubricated bearings commonly found in pharmaceutical

production, laboratories, canneries, beverage bottling plants, food processing plants (e.g. potato chips plants, poultry processing plants, meat processing plants), printing industry, paper mill, palm oil mills, plastics production, tobacco manufacturing, medical & dental equipment production and electronics industries

OMEGA 38 Crystal Clear FG Grease, with its colorless physical qualities, is particularly suitable for applications where incidental grease contact with food products, packaging materials or delicately finished products is possible.



KEY PROPERTIES & BENEFITS:

OMEGA 38 features the following key properties and benefits:

- Versatile food & beverage grade applications for reduction in grease inventory
- Crystal clear
- Non-toxic, non-staining
- Virtually no oil separation
- Excellent "water washout" resistance even with large amount of water
- Superior anti-rust and anti-corrosion protection
- Excellent for low temperature use down to -40°C – ensuring outstanding low temperature pumpability
- High temperature stability protection – Non-melt
- Suitable for centralized pressure systems
- Long grease life & lubrication cycle - adhesive tacky grease that stays in place

- Excellent anti-fling properties
- Complies with Food and Drug Administration (FDA) Federal Regulation 178.3620 and NSF H-1 category for incidental food contact application



TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT
Base Oil		
Viscosity, cSt@ 40°C	D-445	66
Viscosity, cSt@ 100°C	D-445	9.8
Viscosity Index	D-2270	131
Flash Point, °C	D-92	250
Pour Point, °C	D-97	-50
Dropping Point, °C	D-2265	None
Worked Penetration, 60 Strokes	D-217	276
Timken OK Load, Lbs	D-2509	20
Four Ball Wear, mm	D-2266	1.14
Rust Prevention Rating	D-1743	Pass
Oil Separation, % loss	D-1742	6
NLGI Grade	D-217	#2
Operating Temperature Range, °C	-	- 40 to 200
Texture	Visual	Tacky
Color	Visual	Clear

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