



ET-2S

100% SYNTHETIC LOW TEMPERATURE FOOD GRADE GREASE

Description

Orelube ET-2S is 100% synthetic, white, non-toxic, NSF Registered (No. 070015) H1 grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-2S are in accordance with FDA regulation 21 CFR 178.3570 - - Lubricants with incidental food contact.

Typical industries that utilize food grade lubricants include: Meat and poultry processing plants, beverage plants, breweries, canneries (fruit, vegetables, and seafood), sugar and confectionary products, grain products, bakeries, fats and oils, pharmaceuticals, cosmetics and personal care products.

ET-2S is manufactured from synthetic PAO fluid having a high viscosity index, extremely low pour point and superior thermal and oxidation stability and thickened with an Organoclay gel system, all contributing to its extremely wide operating temperature range.

ET-2S does not contain any of the components found in mineral oil greases that oxidize at high temperatures, or that thicken at low temperatures, therefore it performs better and lasts longer.

Benefits

- Ü Moderate EP properties
- Ü Superior low temperature pumpability - - remains soft and usable to -90 F
- Ü No dropping point - - will not melt and run-out
- Ü High lubricity reduces friction, operating temperatures and power consumption
- Ü Contains PTFE solid lubricant, a thermoplastic fluoropolymer having non-stick properties and extremely low coefficient of friction
- Ü Superior oxidation stability enables long lasting lubrication
- Ü Water resistant
- Ü Not affected by mild acid, alkali or salt environments

Applications

- Ü Plain (journal, sleeve, guide) bearings
- Ü Antifriction or rolling contact (ball, roller, needle) bearings
- Ü Grease-lubricated gears, cams, slides
- Ü Pumps, food mixers, freezers and chillers, refrigeration units
- Ü Bottlers, canners, packagers, fillers, wrappers, tablet/capsule presses

Typical Properties

NLGI Grade	2
Color	White
Operating Temperature Range	-90 to 350 F
Penetration, ASTM D-217 Worked, 60 strokes	275
Dropping Point, ASTM D-2265, F	None
Base Oil Viscosity, ASTM D-445 cSt @ 40 C	31.2
cSt @ 100 C	5.9
Pour Point, ASTM D-97, F (of base fluid)	-90
Oxidation Stability, ASTM D-942 100 hrs @ 210 F, psi loss	3
Copper Corrosion, ASTM D-130 24 hrs. @ 100 C	1a
Evaporation, ASTM D-2595 22 hrs. @ 350 F, % wt. loss	3.5
4-Ball EP, ASTM D-2596 Weld load, kg	280

Note:

ET-2S is not compatible with other greases therefore purge or clean old grease thoroughly before using.

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