



## ET-2S

### 100% SYNTHETIC LOW TEMPERATURE FOOD GRADE GREASE

#### Description

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**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

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- 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

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- 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

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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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