



Orelube®

**technical
information**

OCEAN 7W

EXTRA-TACKY WHITE ALUMINUM COMPLEX EP GREASE

Description

Orelube Ocean 7W is a white EP grease fortified with a tackifier agent for extra-adhesive properties improving its ability to adhere to lubricated surfaces and resist throw-off from bearings and fittings.

Its white color eliminates any possibility of staining fabric or other materials used in textile manufacturing. Ocean 7W is also recommended for use in food, beverage and pharmaceutical plants. Ocean 7W has H2 approval by the USDA for use in meat and poultry processing plants where there is no possibility of contact between the lubricant and product.

Ocean 7W is manufactured using a blend of highly-refined, hydrotreated, high VI paraffin base oils thickened with an aluminum complex soap gel produced by a state-of-the-art manufacturing and homogenizing process. A synergistic combination of chemical additives provide superior extreme pressure and antiwear properties to withstand high loads, absorb shock loads and reduce friction and wear.

Ocean 7W is *waterproof!* It repels water acting as a seal for bearings exposed to wet conditions. A good measure of its waterproof ability is the Water Washout Test, ASTM D-1264. When tested using this method, Ocean 7W exhibits less than 1.0% weight loss.

Aluminum complex soap greases exhibit superior mechanical stability -- their small fibers contribute to their unusually stable structure. Ocean 7W does not soften and run-out under prolonged and/or severe working conditions.

In some applications at 400 F, if relubricated weekly, Ocean 7W enables trouble-free lubrication, week-after-week. Naturally, as temperatures drop, the relubrication interval is extended. In applications at 300 F, the relubrication interval can be monthly.

Benefits

- Oxidation stability is increased using *antioxidants* for long-lasting lubrication
- *Reversible* - can be exposed to temperatures past its dropping point for short periods of time and upon cooling return to its original grease structure
- High dropping point
- Not affected by mild acid, alkali or salt environments

The Orelube Corporation
201 East Bethpage Road, Plainview, NY 11803
516-249-6500 • 800-645-9124 • Fax 516-249-6566



The Orelube Corporation holds an exclusive worldwide license from The Boeing Company to manufacture and market the BOELUBE® series of lubricants.

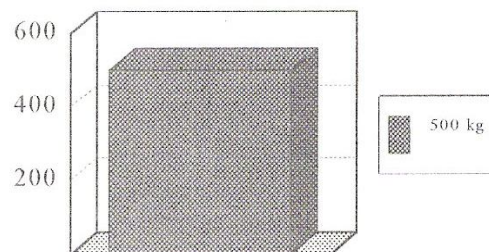
Application

- Plain (journal, sleeve, guide) bearings
- Antifriction or rolling contact (ball, roller, needle) bearings
- Textile machinery, dairy equipment, food processing machinery, bottling equipment
- Pharmaceutical manufacturing and packaging machinery, pumps, conveyors

Typical Properties

NLGI Grade	2
Color	White
Operating Temperature Range	+10 to 400 F
Penetration, ASTM D-217	
Worked, 60 strokes	270
Worked, 10,000 strokes	272
Dropping Point, ASTM D-2265, F	550
Base Oil Viscosity, ASTM D-445	
cSt @ 40 C	194.2
cSt @ 100 C	17.4
Water Washout, ASTM D-1264	
% wt. loss @ 100 F	0.1
% wt. loss @ 175 F	0.9
Rust Test, ASTM D-1743	Pass
Copper Corrosion, ASTM D-130	
24 hrs @ 100 C	1a
Oxidation Stability, ASTM D-942	
100 hrs @ 210 F, psi loss	2
500 hrs @ 210 F, psi loss	9
Timken EP Test, ASTM D-2509	
OK Load, lbs	65
4-Ball EP, ASTM D-2596	
Weld load, kg	500
Load wear index, kg	59
4-Ball Wear, ASTM D-2266	
1200 rpm, 40 kg, 167 F, 1 hr scar diameter, mm	0.45

Available in NLGI
Grades 00, 0, 1 and 3



Load Carrying Capacity
4-Ball EP Test

