

Bearing Life at Marine Port Increases 10X with Chesterton® 615 High Temperature Grease

Challenge

Background

Marine port equipment including hoists, winches, motors, yard lifts, cranes, and lifting booms were frequently out of service due to bearing failure. Expensive fines were incurred due to lengthened turnaround times on cargo discharge or loading.

Extra staff was hired to remove, repair, and refit damaged equipment.



Marine port equipment stopped due to failed bearings and insufficient greasing.

Solution

Product

All critical bearings on cranes, hoists, and lift trucks were cleaned with **Chesterton® 274 Industrial Degreaser** to remove old grease, sludge, and varnish buildup. Following cleaning and inspection, salvaged bearings were lubricated with **Chesterton 615 HTG #2 Grease**.

Likewise, new bearings were cleaned of storage compound and greased with **Chesterton 615 HTG #2 Grease**.



615 HTG #2 Grease lubricates bearings and helps prevent rust in marine conditions.

Results

Increased Bearing Life

Bearing life on yard lifts, cranes, hoists, and winches was increased by 10X.

Fewer replacements of bearing, axel, and bushing on port vehicles resulted in a savings of \$34,195, in the first year.

The total cost of **615 HTG #2 Grease** was around \$646.

\$=USD



Bearing housing and bearings show fewer signs of corrosion and wear after use of 615 HTG #2 Grease.