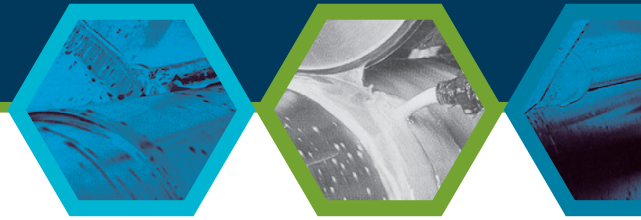


ALPHA 2000 HD #2

ROLLER BEARING GREASE

CUSTOMER: SMELTING AND REFINING COMPANY BASED IN PHILIPPINES



PRODUCT

Alpha 2000 HD #2 is a unique lubricating grease utilizing an entirely new approach in thickener technology.

Alpha 2000 HD #2 provides exceptional lubricity, thermal stability, rust protection and water washout resistance. It contains no heavy metals or other environmentally undesirable components.

Alpha 2000 HD #2 is a truly outstanding multi-purpose grease. It has no significant shortcomings and is probably the closest thing to an all-purpose lubricant on the market today.

PROCESS AND EQUIPMENT

Industry/Market	Industrial
Product Type	Grease
Product Number	CSN 2805000
Machinery Involved	Casting Wheel Support rollers
Description of Environment	High pressure and high temperature vapor
Volume Used	40 pails/year
Date of Use	2011 to present
Documented Cost Savings	N/A

▷ **DESCRIPTION OF PROBLEM**

Customer need to resolve the challenge face at their casting wheel support roller as their incumbent greases was observed to mixed with water, bearings were hard to remove from the shaft during maintenance and there was dried out greases and wear debris observed.

▷ **SOLUTION**

Recommended Alpha 2000 HD #2. The product has outstanding protection in wet environment, excellent anti-wear properties and high loading carrying ability. The trials have been successful as customer feedback that, Alpha 2000 HD #2 has protected the inner parts of the support roller from corrosion by maintaining an oil film on all the lubricated parts. Customer approved this product.

▷ **CUSTOMER TESTIMONIAL**

Chemtool Alpha 2000 HD #2 is excellent for use for the support rollers of casting wheel where high temperature and high pressure water is being sprayed, high load application and high ambient temperature during casting operations. Replace the Incumbent grease with Chemtool Alpha 2000 HD #2, especially those rollers under the vapor exhaust hood where high pressure and high temperature water is being sprayed.

