

1250 ALMASOL[®] HIGH TEMPERATURE LUBRICANT

PIRELLI CABLE CORPORATION, Colusa, CA

S.A.M.P. Annealer • SIC 3357 Drawing & Insulating of Nonferrous Wire

“There is no question that by using ALMASOL 1250 we have reduced downtime and extended the life of the bearings.”

CUSTOMER PROFILE

Pirelli Cable Corporation of Colusa, California manufactures copper and aluminum sheathed cables for underground power systems. Marketing world wide, Pirelli Cable is committed to quality and service and seeks to establish working partnerships with their customers and vendors. They have been an LE customer for over 20 years.

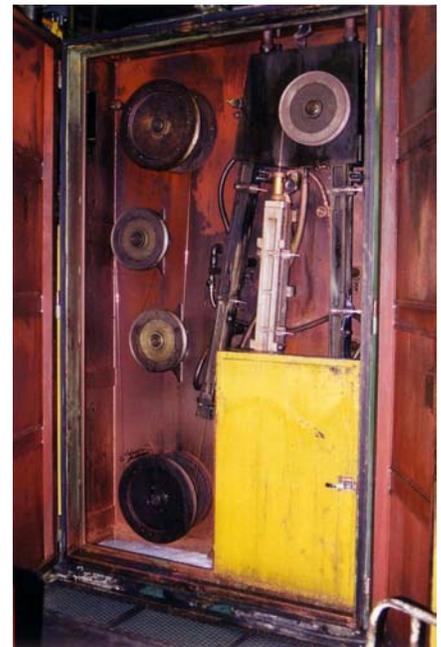


APPLICATION

Pirelli Cable uses an S.A.M.P annealer powered by a 50 HP drive motor that turns four shafts. The annealer uses high amperage to “soften” the extruded wire as it comes out of the extruder. After the annealing process, the wire is wrapped on spools and then used to make the cables of up to 61 strands.

AREA OF INTEREST

The primary bearing in the annealer was requiring a change out at 250 hours. Failure to do so can cause bearing failure and very extensive damage to the shaft. High heat and moisture (water-cooling) cause excessive wear conditions on the bearing. Overheating, moisture and “sling-off” were main problems and the recommended lubricant was not performing well. The customer was working to overcome these problems and extend the life of the bearing at the same time.



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LE SOLUTION

LE's 1250 ALMASOL® High Temperature Lubricant was recommended to reduce downtime and extend the life of the bearing.

CUSTOMER COST SAVINGS

Previous Maintenance Costs

Every 2-3 weeks (averages 18 service's per year)
Labor: 6 hours (total time) @ \$45 per hour = \$270
Bearing: \$100 each (total cost)

Prior to introducing LE's 1250 ALMASOL High Temperature Lubricant to the bearing, the required replacement interval was 250 hours (12 hours per day = 20 days). In a carefully monitored testing program, the bearing was examined and replaced at 275 hours, 300 hours, 345 hours, and 384 hours. **Using LE's 1250 ALMASOL Hi-Temp Lube Pirelli Cable has successfully extended the average change out to 375 hours (12 hours per day = 31 days).**

Before 1250: \$370 x 18 = \$6,660 per year
After 1250: \$370 x 12 = \$4,440 per year

This is an annual savings of \$2,220.00 in just this one bearing.



Roy Stacks, Maintenance, states, ***“There is no question that by using ALMASOL 1250 we have reduced downtime and extended the life of the bearings.”***

OTHER LE PRODUCTS USED

- 606-607 ALMASOL® Vari-Purpose Lubricant
- 680 ALMASOL® Worm Gear Lubricant
- 704 MONOLEC® Gear Lubricant
- 1275 ALMAPLEX® Industrial Lubricant
- 5182 PYROSHIELD®
- 6404 MONOLEC® R&O Compressor/Turbine Oil
- 9220 MONOLEC® Synthetic Industrial Lubricant

We wish to thank Maintenance Manager “Skip” Kunde, maintenance personnel Roy Stacks “Zig”, and the local LE Representative for supplying the information used to prepare this report.