

FEEDBACK



ALUMINIUM OF GREECE S.A. Multilec 6803 Industrial oil AIR COMPRESSORS

ALUMINIUM OF GREECE S.A.

The company was owned by Pechiney group France and Alcan of Canada. Now they belong to a Greek group of companies. They produce Alumina and Aluminium and they have one of the most advanced foundries in the world. Aluminium of Greece is using LE products since 1989.

EQUIPMENT TYPE AND APPLICATION DETAILS:

The Aluminium plant operates 5 very large Atlas Copco air compressors, type ZR5 E. In 1989 they were interested in prolonging the oil life, which at this time, was 2.000 hours. **Lubrication Engineers Hellas** recommended initially, MONOLEC® 6222 and in 1993 converted the air compressors into MULTILEC® 6803, when LE Inc., introduced this new line.

ZAP readings were taken with MONOLEC® 6222 and a power saving of 7% in two of these compressors was calculated.

With continuous oil analysis, the oil life has exceeded in all 5 compressors 60.000 hours, where all the results of wear metals, are lower than 4 ppm. During the periodical controls by Atlas Copco, the compressor bearings have been found in excellent condition, (no wear at all) although they have doubled, the maximum expected life from the manufacturer.

Each bearing for these compressors costs over € 30,000.00. It must also be stated, that the replacement of the bearings, is taking place primarily, for safety reasons, as when these are replaced, they are almost in brand new condition.

ALUMINIUM OF GREECE are also using the following LE products in their plant:

- MONOLEC® 2001, wire rope lubricant.
- ALMASOL® 2002, wire rope and chain lubricant.
- ALMASOL® 604-609, gearbox oils.
- ALMAGEAR® 5250, gearbox oils.
- ALMASOL® 680, worm gear lubricant.
- MONOLEC® GFS, engine oil.
- MONOLEC® ULTRA 8800, engine oil.
- ALMATEK® 1232 general-purpose grease.
- ALMATEK® 1233 general-purpose tacky grease.
- ALMASOL® 1251 high temperature lubricant.
- ALMAPLEX® 1275 general-purpose lubricant.
- ALMAGARD® 3752 general-purpose lubricant.
- PYROSHIELD® 5180 open gear lubricant.
- PYROSHIELD® 9000 open gear lubricant for ball mills.
- SYNTEMP® 9102 chain lubricant.
- L-X® fuel additive

LUBRICATION ENGINEERS HELLAS A.E. *LEADERS IN LUBRICANTS*

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This feedback is an “update” of the initial version issued in 2001. We wish to thank Aluminium of Greece engineers and maintenance people, for their continuous support and confidence to Lubrication Engineers products and services.

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