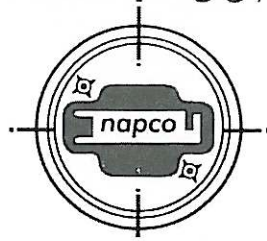


NATIONAL ALUMINIUM PRODUCTS CO. S.A.O.G.

الشركة الوطنية لمنتجات الألمنيوم ش.م.ع.ع

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To : Mr.Natraj
Marketing Specialist
Universal Oilfield Maintenance Co
Muscat

7th May, 2005

OMEGA 28 – Super Fluoroether Synthetic Grease – Expensive but Saves Cost !

Equipment : Air Blower Fan Bearing with C-3 bearing type – SKF ball bearing.

The Cause :

The bearings **FAIL** severely due to exposed and transmitted high heat and temperature conditions from the motor drive shaft. The grease has been observed to melt from the sealed bearing and fails less than **300 running hours**. The Condition is critical with bearing temperature around 220 deg. Cent. operating at 1440 rpm.

The Effect :


Bearing Failure lead to downtime and strenuous man-hours in dismantling the fan bearing unit , in attending to breakdown and to re-assemble the unit.

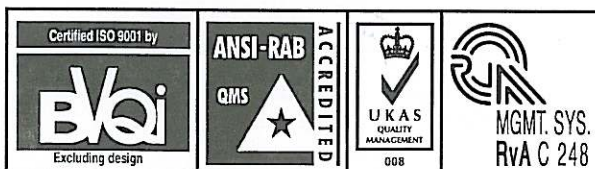
Natural Plant Curing Oven – Production Time & Greasing Data :

Period	June 2004 – March 2005
Grease Used	Omega 28
Total Running Hours	1236 Hours
Re-Greasing Frequency	None – Grease applied 9 Months ago
Consumption	70 Grams

Remarks : Omega 28 has been under close observation on its prolonged greasing qualities against our regular breakdowns with fan bearings. Our Downtime and Maintenance free work hours has certainly had an impact on cost with the usage of Omega 28 Grease. Its still running fine despite severe production schedules and there has been **NO** bearing replaced and **NO** re-greasing required last 9 months.

Best Regards


G.K.Mathur
Manager Plant Engineering



NAPCO - Sole licensee for **WICONA®** in the Gulf