



Systematic Lubrication **Solutions**

CASE STUDY – Waste Management and Recycling Plant

Application(s): Bearing Lubrication of fans, conveyor pulleys, support rollers and screens

Industry: Waste Management

Problem: The following issues were identified

- Bearing Failures due to under lubrication
- Contamination issues
- Infrequent lubrication
- Labour and time restrictions
- Constantly expanding plant

Solution:

Due to the nature of the plant, size, area covered and available energy sources it was recommended that MEMOLUB® HPS units be installed. MEMOLUB® units were installed in varying set-ups from remote mounted single point applications to multi-point systems feeding up to 8 lubrication points. By installing the MEMOLUB® product constant lubrication was achieved illuminating all the problem areas that were identified.

Settings on the units range from 1 month to 12 months, using 240cc and 480cc units. Due to the extreme temperature variations (-1°C to 40+°C), a suitable NLGI1 grease was selected to ensure pump ability was maintained.





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Update:

5/07/2017 - Since the original installation back in 2009 the plant has undergone several major upgrades and remodels. In this time the plant has gone from its original installation of 100 MEMOLUB® units, to over 200 MEMOLUB® units on site.

