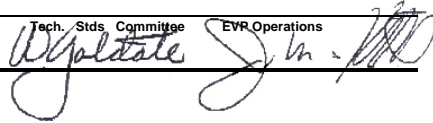


MULTI-PURPOSE GREASE

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Purpose:

To advise all facilities of a multi-purpose grease that may perform better than standard EP2 grease in severe application such as refuse grapples, lime slakers, mobile equipment and material handling conveyors.

Problem:

In applications where low speed greasable bearings are subject to harsh environments, such as extreme temperatures (-30 °F up to 425 °F), large temperature swings, submersion in water, dirt intrusion and/or heavy loads, grease often softens and leaks from the bearing. The result is component wear and sometimes premature failure, all of which increase maintenance costs.

Recommendations and Procedures:

Grease containing Molybdenum Disulfide may perform better under harsh conditions, due to its unique properties, thus reducing component wear and ultimately reducing maintenance expense. This was found to be the case, at the Lancaster facility, which switched from ordinary EP2 grease to grease containing Molybdenum Disulfide for their lime slakers, refuse grapples and some mobile equipment with excellent results. Because of the improved grease performance, greasing frequencies were also able to be reduced.

Facilities that have experienced greasable bearing failures, excessive wear in equipment described above, or spend an inordinate amount of time maintaining grease in equipment, should consider switching to grease containing Molybdenum Disulfide. Products such as **[Molyslip Multi-Purpose Grease]** which is offered by Component Parts Ltd. (in the U.S. and Molyslip Canada Inc. in Canada) and is being used at the Lancaster facility, have proven to work well in many applications. This grease contains Molybdenum Disulfide with a bentone non-melt base containing no soaps. This product claims not to soften under heavy working conditions over its entire operating range. It also exhibits resistance to water, alkaline solutions and most acids. These properties allow the grease to maintain longer more effective lubrication. Please see the attached [product data sheets](#) for additional information or visit the website www.mrmoly.com (or www.molyslip.com in Canada).

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