

HYDRAULIC OIL ADDITIVE

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Purpose:

To advise all facilities of an oil supplement that may reduce leaks and wear in hydraulic components, such as those found in the stoker hydraulic system.

Problem:

Applications where hydraulic oil was switched to a synthetic flame retardant based product, to address insurance carrier safety concerns, often encounter oil leaks or increased component failure rates. This was found to be the case, at the Lancaster facility, which switched to a synthetic flame retardant oil and the started experiencing component leaks and failure in their stoker hydraulic system.

Recommendations and Procedures:

Facilities that have been experiencing high component wear or leaks in their hydraulic systems, should consider utilizing an oil additive containing Molybdenum Disulfide to aid in reducing required maintenance. Products such as **[Molyslip E Oil Supplement]**, which are offered by Component Parts Ltd. (in the US and Molyslip (Canada) Inc. in Canada) and are being used at the Lancaster facility, have proven to work well in hydraulic applications. This additive contains Molybdenum Disulfide in a high quality 10-W30 mineral lubricating oil. This product claims to lower the operating temperature of the oil by reducing friction between moving parts.

At Lancaster, the use of this additive greatly reduced the wear leaks that were occurring in the stoker hydraulic system thus reducing maintenance expenses. Please see attached [product data sheets](#) for additional information or visit the website at www.mrmoly.com (or www.molyslip.com in Canada).

Acknowledgement:

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