



BEARING & POWER TRANSMISSION SOLUTIONS

Case Study

Molykote HP300 PFPE Grease



INDUSTRY

Oil & Gas

PROBLEM

Customer was utilising the Molykote Compounds 111 & 4, but for HS&E compliance needed the additional fire safety factor and assurance.

APPLICATION

LNG loading and cryogenic pump bearings are just some applications found in LNG gasification plants. Other applications are Versa Solenoid Valves controlling the emergency wellhead operations, amongst other functions, gas turbine inlet valve and process filter O-Rings as well as a variety of gas equipment stop cocks.

SOLUTION

Discussions with the LNG customer base emphasizing that the fire safety factor is essential for equipment found on off-shore platforms and on land and/or floating gasification and processing plants saw HP300 offered a universal solution for HS&E compliance. The application profile for Molykote HP300 is varied but product is used for extremely severe grease applications where the inertness and non-combustibility of this grease is an absolute requirement.

BENEFIT

The benefit to the customer is peace of mind with regard to safety compliance. Continued communications with these customers on matters pertaining to other highly critical lubrication applications offers sustained support and expertise with regard to continuous improvement across all applications.

