

MEMOLUB[®] Solutions

CASE STUDY 403

Application : Pump bearing and gear lubrication on an Industrial Washer

Industry : Automotive

Problem : An industrial washer in a truck engine plant has a pump and an orientation gear. The customer was using “gas generator” type (electrochemical) lubricators to service the 3 pump bearings, and was manually lubricating the orientation gear “as needed”. The pump bearings were failing because the lubricant was getting clogged in the lines. The lubricators servicing the orientation gear were located inside the gear’s protective cage, making them difficult to access. Months of no lubrication led to premature tooth wear on the gear.

Solution : All single-use, electrochemical lubricators were replaced with two 3-Point lubrication systems. For the orientation gear, the lubrication system was remote-mounted outside the cage for easy access, which not only made visual inspection of the lubricator easier, but also allowed for quick lube cartridge changeouts without shutting down the washer.



“Single-use” lubricators servicing pump bearings.



Multi-Point system with a reusable MEMOLUB lubricator.



“Single-use” lubricators servicing orientation gear.



Multi-Point system with a reusable MEMOLUB lubricator.

Lube points which are normally difficult to access can be serviced quickly and efficiently with a MEMOLUB system.



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