

Total Lubrication Solution

Equipment + High Performance Lubricant

AUTOMOTIVE (USA)

Paint Shop

Castrol Molub-Alloy® 860/220-1 ES

ANNUAL SAVINGS: \$10,655

THE SITUATION

A major automotive facility was looking for some help to improve equipment reliability.

The paint shop was replacing a sludge pump that was critical to their operations every four years. This pump is very expensive and required three people working four hours to complete the change-out.

BEFORE

- Lubrication was delivered to the sludge pumps via a Trabon grease system
- This system was not working properly and grease had to be manually applied regularly
- Pump failures are attributed to this problem

AFTER

- Castrol LubeCon lube system installed with regular service
- Molub-Alloy 860 high performance grease employed
- **No pump failures in 8 years!**

THE SOLUTION

- It was determined that manually greasing the sludge pumps was inconsistent and was not providing adequate protection of the internal components.
- A series progressive grease system was designed and installed by a qualified Castrol LubeCon representative to automatically and accurately lubricate the pumps.
- Castrol Molub-Alloy 860/220-1 was chosen to lubricate the pumps due to its good water wash out characteristics and proven high performance capabilities.



• **This success has been transferred to a sister plant where they have experienced similar benefits**

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CALCULATIONS

A sludge pump was being replaced every four years.

- Replacement required three people and four hours to complete:
 $\$51.49 \text{ per hour} \times 4 \text{ hours} = \$206 \times$
three people = \$618
- The cost of the new sludge pump was \$42,000

Total cost every four years was
\$42,618

CONCLUSION

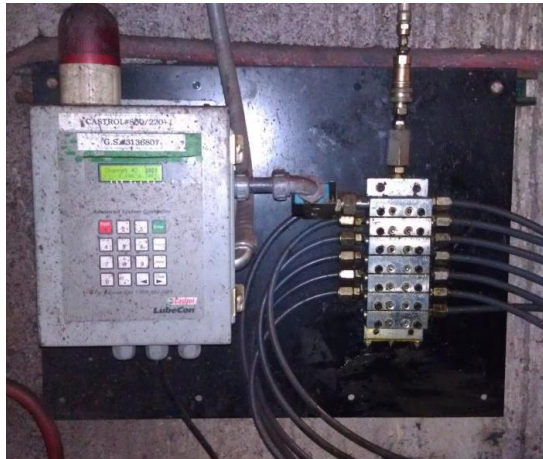
No sludge pumps have been replaced since the implementation of the LubeCon lube system along with the Molub-Alloy 860 grease.

The result is an annualized savings of \$10,655 along with more reliable operations.



OTHER POTENTIAL APPLICATIONS

The Castrol LubeCon systems and high performance lubricants have a variety of uses across all markets. The combination is a turnkey solution for any place where reliable lubrication and long equipment life is desired.



Castrol LubeCon grease system

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