



Xpel® Oil Transfer Drum & Pump

Soda Ash Producer – Green River, Wyoming Gearboxes

- Improved efficiency 1,000%

Customer Profile

This soda ash producer mines and refines soda ash. They have been in business for 30 years and have been an LE customer since 2005.

Application

Various gearboxes are used to run conveyors to transport soda ash product within the refining plants.

Challenge

Lube mechanics wanted a quicker and cleaner way to refill the gearboxes, especially in cold weather. They were having problems refilling the worm drives with an ISO 460 lubricant during 20°F (-7°C) ambient temperature conditions.

LE Solution & Results

Mike Carter, LE lubrication consultant, stopped by the plant one day while the gearboxes were being refilled. Two mechanics had spent two hours refilling one gearbox using a jug and funnel, and they still had ten more gearboxes to fill that day.

Mike donated his 5-liter Xpel® Oil Transfer drum and Xpel® Pump for them to try out. The mechanics came back in two hours having refilled all 10 gearboxes using the pump.

Using the old jug and funnel:

- Mechanics make \$26 per hour.
- Two mechanics x 2 hours = \$104 per gearbox

Using the new Xpel® drum and pump:

- It took two mechanics two hours to fill 10 gearboxes.
- That equals \$10.40 per box in labor costs, a 1000% improvement in efficiency.

The mechanics stated, “The pump is a great tool and a time saver!”

They purchased six more pumps as well as additional drums.

Other Products Used

- Wirelife® Monolec® Penetrating Lubricant (2001)
- Pyroshield® Syn XHvy Open Gear Lubricant (9011)
- Xclude® Desiccant Breathers
- Bulk oil storage systems

*Thank you to Mike Carter,
LE lubrication consultant,
for providing the information
used in this report.*





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