



CASE STUDY: UNDERGROUND MINING EQUIPMENT MANUFACTURER

APPLICATION: PURPOSE BUILT UTILITY VEHICLES

This FLO Customer specializes in the manufacturing, sales, service and rental of purpose built utility vehicles for the mining industry. This vehicle was designed almost 40 years ago from the ground up, specifically for underground mining. FLO Components' Automatic Greasing System has been an integral part of their vehicles since 1995.

The Engineering Manager explains; "The utility vehicle is an excellent product, but it's only as good as the people that maintain it, and typically, utility equipment doesn't get the maintenance it deserves a lot of the time. We had designed the provisions for greasing front axles and whatever other components on the machine, but people would just hop on the machine and drive away without greasing it every day. The mines recognized that, and after seeing they were having problems with certain components, they decided they should try to implement some kind of auto greasing system. They had some experience with FLO Components systems and asked us to try and use that system, and it worked out very well. We've seen a lot fewer axles come back, front oscillation systems... we're just not seeing them as much as we used to, so there's definitely been a cost savings for the customer."



THE FLO SOLUTION

The FLO systems integrated into the utility vehicles consist of a 12 VDC Series 203 pump with a 2L grease reservoir, SSV positive displacement grease metering valves, fittings, and hose pre-cut to length. Pumps include an integrated adjustable timer for easy installation, trouble-free operation and maximum flexibility. The system services the top and bottom king pins and the front and rear oscillating axles. The FLO Lubrication System is suitable for most off-the-shelf North American greases and will handle lubricants up to an NLGI #2 rating to -25 °C or -13°F.



FLO RESULTS

With respect to FLO itself; "I was looking for a company that could give me a complete solution for a lubrication system. I would say they're top notch. There's a reason why they came highly recommended by other people. What I found was if they couldn't answer the question I needed an answer to at the time, then they found the answer for me. We are still buying from them and will continue to buy from them. The customer support is there, the people are there, they look after our needs."

"Right now, we're looking good in front of the customer. We've chosen the best possible components for our machine. We've designed it so it goes the distance. Part of that choice we made for the components is obviously the FLO Components Lubrication System – it's making us look good in front of our customer, it makes them look good so everybody's happy."

**For Total Lube Solutions,
GO WITH THE FLO!**

FLO Components Ltd., 50 Admiral Blvd., Mississauga, ON, L5T 2W1
1.800.668.5458 • sales@flocomponents.com • www.flocomponents.com