

A large mining company in Mauritania needed to improve their facility to handle the increasing maintenance of dumpers. They were dealing with problems such as pollution, sand, high outside temperatures (40 to 50°C), and dust due to poor working conditions and the use of inappropriate equipment. Fuel dispensers were used to manually transfer lubricants and grease which meant there was a lot of wastage and mishandling of lubricants, resulting in time-consuming maintenance for the employees.

The mine site facility improvement consisted of the reorganization of the two existing workshop stations and the installation of two new dumper workshops.

### **Better organized maintenance stations**

After an analysis of the workshop flow, a new design was suggested by the local Graco distributor, Lubpro. It improves the walking flow of the employees and provides a better organized maintenance and repair workshop with ideal distances between the stations for full lube changes and vehicles being serviced.

New stations were installed and completed with reels for product dispensing. The stations are now well organized, using colours to identify the purpose of the reels. There is no more pollution and mishandling of used lubricants. Instead, dedicated areas exist for each application (washing, oil dispensing, grease supply, used oil reclaims and transfers), so that water, grease and liquid lubricants are dispensed correctly in the right spot, limiting mishandling, overfill and leakage.

## END-USER

Mining company in Mauritania

## Industry market sector

Mining

## APPLICATION

Dumper workshop project

## Material specifications

Graco FireBall, Bulldog and Husky pumps  
Graco XD lubrication reels  
Graco dispense valves

## Typical properties

Heavy-duty equipment for harsh conditions

## CONFIGURATION

Pumps:

- Fireball 425 50:1 (6) for grease
- Bulldog 3:1 (6) for oil
- Fireball 425 3:1 (12) for oil
- Husky 1025 pumps (6) for transfer and used oil

Reels:

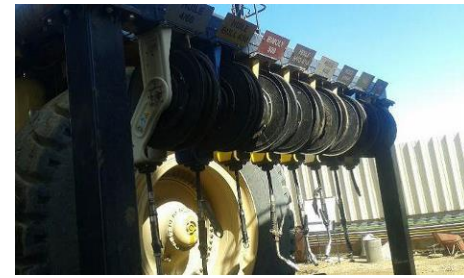
- XD 30 for oil (12)
- XD 30 for grease (6)
- XD 30 for air/water (6)

Organized by product with different colours

Dispensing equipment:

- ProShot packages with Z valves for easy manipulation
- SDV 15 high flow valves with anti-drop nozzles

## GRACO Equipment



## GRACO Distributor

### Lubpro

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