



## Application

With the increase in demand in raw materials worldwide, open-cast mines are very active. Operators demand increased reliability and availability of their heavy mobile equipment in order to meet the market demand.

The reliable operation of haul trucks is integral to the efficient and effective operation of any mine site, with a direct impact on profitability.

## Problem

- Improve the cleanliness levels of fluid systems to meet the customer target: ISO Code less than -/16/12.

## Solution

- **STEERING:** 1 X UR319CF24++20ZA filter housing with Pall AP filter media.
- **TRANSMISSION:** 1 X UR619CF24++20ZB9 filter housing with Pall AN filter media.
- **FINAL DRIVE:** 1 X UR319CF24++20ZA9 filter housing with Pall AP filter media.
- **BRAKES:** 1 X UR619CF32++20ZB9 filter housing with Pall AN filter media.

## Results

Fluid cleanliness levels achieved with specified Pall filtration:

- **STEERING:** ISO Code of -/14/12 average
- **TRANSMISSION:** ISO Code of -/12/10 average
- **FINAL DRIVE:** ISO Code of -/16/14 average
- **BRAKES:** ISO Code of -/12/11 average

## Belly Dump Haul Trucks



Belly Dump Haul Truck



Final Drive



Transmission &amp; Hydraulics



Breathers



Steering

\* Suitable for various brands of Belly Dump Haul Trucks. Consult your local Pall sales office or your closest Pall distributor for direct assistance with these specific applications.

\* Documented results may vary depending on specific mine and vehicle conditions.

Contact us at [www.pall.com/mining](http://www.pall.com/mining)