



## Application

With an increase of 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.

Diesel engines employed in these operations are regularly monitored by maintenance engineers who find the root-cause of many engine failures comes from diesel fuel itself.

## Problem

Improved on-board fuel fill filtration required to:

- Eliminate power loss problem caused by fuel contamination and extend injector service life on engines,

## Solution

- 1 x Pall **Ultipleat**<sup>®</sup> SRT UR319 – 20" length filter installed on each diesel fuel truck in the fleet using Pall AN 7-micron filter elements.
- 1 x Pall **Ultipleat**<sup>®</sup> SRT UR319 - 20" length pre-filter using Pall AN 7-micron filter elements installed on-board 380 T crawler excavators (fitted on the fuel tank)

## Results

- Increased equipment availability by reducing fuel injection system component failures.

## Diesel fuel filling in mining



Pall **Ultipleat**<sup>®</sup> SRT filters in diesel fuel applications

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