UNPLANNED DOWNTIME

CAUSES AND COSTS

Hydraulic power and belt drive failures cause up to

47% **OF DOWNTIME** at mining operations

Up to **$3,000/hour** of lost production per incident

60 hours of downtime per incident

RESULTS IN UP TO **$180,000** IN LOST PRODUCTION PER INCIDENT

AVERAGE EQUIPMENT-TO-PART USAGE RATIOS
JUST TO KEEP MINES RUNNING for 1 YEAR

Up to **$250,000** of excess, non-returnable OEM assemblies sitting around in case of emergencies

An average of **2.5 days** of downtime for each replacement OE hose assembly to arrive via airfreight

Up to **200 hours** per piece of equipment per year in dealing with fluid power maintenance and repair

CONVEYOR
Hydraulic Assemblies = **35**
Drive Belts = **58**
Engine Hoses = **3**

EXCAVATOR
Hydraulic Assemblies = **121**
Engine Belts = **4**
Engine Hoses = **11**

ARTICULATED LOADER
Hydraulic Assemblies = **117**
Engine Belts = **3**
Engine Hoses = **8**

HAUL TRUCK
Hydraulic Assemblies = **137**
Engine Belts = **4**
Engine Hoses = **9**

DOZER
Hydraulic Assemblies = **112**
Engine Belts = **3**
Engine Hoses = **11**

DRAG LINES
Hydraulic Assemblies = **180**
Engine Belts = **3**
Engine Hoses = **6**

ROCK CRUSHER
Hydraulic Assemblies = **6**
Drive Belts = **10**
Engine Hoses = **2**

DOWNTIME DILEMMAS? Here's the big three:

1 Inefficient Repair
Problems arise with long lead-times for OE shipments, endless parts research and excessive on-site inventory requirements.

2 Increased Liability
Greater error and accident potential, among unskilled or untrained staff, results from complicated product lines and hose-build specifications.

3 Frequent Replacement
Increased inspection frequency and equipment downtime stem from shortened replacement intervals due to low-performing products.

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