

Case Studies: Donaldson Blue™ programs, site training, equipment and stock audits, continue to be embraced and utilised by the mining and construction industry with proven results! Donaldson Service and Cost Saving Filtration Solutions: Helping you to manage your operational costs.

Coal Mines: Bowen Basin

- Donaldson Blue air filters (EAF5038) replaced standard air filter on excavators.
- Service life increased from 250 hours to 1,000 hours.

Coal Mine: Hunter Valley

- Donaldson Blue air filters (EAF5038) replaced standard air filter on Haul PakTrucks.
- Service life increased from 250hrs to 500hrs (as per site maintenance practices)

Coal Mine: Hunter Valley

- Donaldson Blue air filters (EAF5040) replaced standard air filter on Haul PakTrucks.
- Conducted air intake and equipment site audit to instruct maintenance staff on the correct maintenance practices of maintaining the air intake system.
- Service life increased from 100 hours to 1000 hours.

Coal Mine: Hunter Valley

- Donaldson Blue air filters (EAF5040) replaced standard air filter on Haul PakTrucks.
- Service life increased from 500 hours to 2000 hours.

Iron Ore: WA

- Donaldson Blue air element replaced standard air filter on loader.
- Service life increased from 90 hours to 500 hours.

Coal Mine: Hunter Valley

- Donaldson Blue air element (EAF5040) replaced standard air filter on Haul PakTrucks.
- Service life increased from 250 hours to 1500 hours

Coal Mine: Bowen Basin

- Donaldson Blue air element replaced standard air filter on loader
- Service life increased from 40 hours to 250 hours

Filter Element Savings (Blue vs. Standard)

Savings per piece of plant	= \$257.00 per 1,000 hours = \$1,542.00 per year (6,000 hrs)
Savings per 100 pieces of plant	= \$154,200 (\$1,542 x 100) p.a.

Savings per piece of plant	= \$257.00 per 500 hours = \$1,542.00 per year (6,000 hrs)
Savings per 25 pieces of plant	= \$38,550 (\$1,542 x 25) per year

Savings per piece of plant	= \$261.00 per 1,000 hrs = \$1,566.00 per year (6,000 hrs)
Savings per 41 pieces of plant	= \$64,105 (\$1,566 x 41) per year

Savings per piece of plant	= \$552.00 per 2,000 hours = \$3312.00 per year (6,000 hrs)
Savings per 18 pieces of plant	= \$59,616 (\$3312.00 x 18) per year

Savings per piece of plant	= \$198.00 per 500 hours = \$1188.00 per year (6,000 hours)
Savings per 15 pieces of plant	= \$17,820 (\$1188.00 x 15) p.a.

Savings per piece of plant	= \$592.00 per 1,500 hours = \$2352.00 per year (6,000 hours)
Savings per 21 pieces of plant	= \$296,352 (\$2352.00 x 21) p.a.

Savings per piece of plant	= \$2,215.76 per 500 hours = \$26,589.12 p.a. (6,000 hrs)
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