

Mobile Equipment - Engine Kits

Dedicated depth filtration where you need it most

Features

- Single & dual canister options
- Depth media for low ISO cleanliness levels
- Designed to prevent empty canisters at engine shut down
- Pressure relief valve

Benefits

- Dedicated depth filtration for constant contamination control
- Heavy duty, industrial designed canisters—ideal for harsh environments



Contaminated oil results in excess machine wear, downtime, and repair costs. Actively filtering lubricants can prevent contamination-related problems.

The Des-Case mobile equipment engine kit provides filtration with depth media for a constant contamination control solution at very low ISO cleanliness levels.

Contact your local distributor or call Des-Case today for a custom quote.

*Keeping contamination
under control.[®]*

03-ENG-1 / 03-ENG-2 Mobile Equipment Engine Kits

Contact your local distributor or call Des-Case for your customized quote.

03-ENG-1 Single Filter Canister

1 - 1000 swing bolt lid filter canister
1 - 50 psi pressure relief valve
1 - Flow control orifice at inlet of canister
1 - 306 depth filter element
1/2" & 3/4" NPT plumbing connections
Customer to supply hose and fittings needed for machine connections

03-ENG-2 Dual Filter Canisters

2 - 1000 swing bolt lid filter canisters
1 - 50 psi pressure relief valve
1 - Flow control orifices at inlet
2 - 306 depth filter element
1/2" NPT plumbing connections
Customer to supply hose and fittings needed for machine connections

How This System Works

The mobile equipment engine kits work by taking small amounts of oil after the OEM full flow filter and directing it through the engine kit. Oil flows through the canisters at a set rate and is returned directly to the engine sump. The system is designed to prevent the canisters from being emptied when the equipment is shut down, while the small amount of oil directed through the engine kit at any given time ensures the engine is never starved of oil. A pressure relief valve is also installed to prevent accidental over pressuring of the canisters during cold cranking.

Engine Kit Filter Media

Wound Cellulose Depth Media

Features Include:

- High efficiency filtration at very low micron levels (≤ 1 micron)
- Ideal for filtering petroleum-based fluids
- Performance to $\beta_{<3(c)}=1000$ (per ISO 16889)
- Dirt holding capacity up to 10lbs per element
- Absorbs up to 1 gallon of water per element
- Can maintain moisture levels below 50ppm

