

Donaldson®

Donaldson Engine Cleaning System

To ensure maximum performance from the Donaldson Heavy-duty range of coolants it is important to have a proper cleaning system in place. This can be achieved using Donaldson's Flush, Descaler and Cooling System Oil Remover.

Coolant Testing

A simple coolant maintenance check every oil change or 250 service hours can be performed using Donaldson Coolant Test strips to identify problems with maintenance procedures and operational practices.

Range Available:

4 strip P901874
25 x 4 Strip Box P901873
50 Strip X007103

Coolcheck® Analysis Program

Donaldson also recommends that a scheduled coolant analysis program should be conducted at least annually to determine the overall condition of the coolant and cooling system.

Ask your Donaldson representative about the Coolcheck Analysis Program, a comprehensive fluid analysis strategy that offers trend-based monitoring of coolant condition for the fleet owner, maintenance engineer, and mechanic.

Utilising advanced analytical technology, the CoolCheck laboratory will assess the inhibitor concentration and contamination levels (whether from another product, poor water quality, or component corrosion and/or erosion) in your fluid samples, providing you with a detailed report on coolant quality, and a recommended course of action for the engine in question.



**DONALDSON OFFERS
A WIDE RANGE OF
COOLANT FILTERS
AND OTHER COOLANT
ACCESSORIES TO SUIT
YOUR APPLICATION**

Donaldson®

DONALDSON HEAVY DUTY COOLANT



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Donaldson
Filtration Solutions

www.donaldsonfilters.com.au



Donaldson Heavy Duty Coolant

DONALDSON NOW COVERS ALL YOUR COOLANT NEEDS!

Test the coolant condition with **Donaldson Cooltrac Test Strips**; clean and flush the cooling system with **Donaldson Radiator Flush**; initial fill or top up with **Donaldson Heavy Duty Coolant PreMix**; adjust diluted coolant with **Donaldson Heavy Duty Coolant Concentrate**; or recharge depleted coolant with **Donaldson Coolant Booster**.



Range available:
5 litre P901870
20 litre P901871
205 litre P901872

Radiator Flush

- Safe, economical and easy to use.
- Removes light mineral scale and limited oxide deposits.
- Donaldson Radiator Flush contains a mixture of highly efficient organic inhibitors and a dispersant-detergent agent and is ideal for periodic preventative maintenance of all diesel and gasoline engine cooling systems.
- Can be left in cooling system for up to 30 days and protects the system from corrosion while in use.
- Compatible with engine coolants, non-toxic to aquatic life, biodegradable, phosphate and amine free.
- Economical – requires only 5%-10% volume of Donaldson Radiator Flush mixed with tap water. Engine only requires flushing with clean water prior to refilling with Donaldson Heavy Duty Coolant PreMix.
- Not suitable for the removal of heavy deposits of scale or green slime.



Range available:
5 litre P901850
20 litre P901851
205 litre P901852
1000 litre P901853
Bulk/litre P901854

Coolant PreMix

- Suitable for all diesel and gasoline engines.
- Anti freeze-anti boil. Used as supplied will provide freeze protection to -37° C and raise the boiling point to 129° C with a 103 kpa radiator cap.
- Extended Life up to 400,000 kms or 6,000 hrs or 2 years service life. If properly maintained Donaldson HD Coolant PreMix can be used for 250,000 kms or 4,000 hrs or 12 months without recharge.
- Fully formulated and ready to use, does not require dilution.
- Ready to use ethylene glycol and deionised water based coolant incorporating advanced hybrid technology inhibitors. The inhibitor package is a balanced mix of organic and inorganic inhibitors specially designed for heavy duty engines. Some Nitrite and Molybdate has been added to help protect the cylinder liners from pitting.
- Longer life can be expected over coolants using straight conventional coolant technology.
- Fully formulated for minimum maintenance.
- Compatible with most conventional coolants such as Fleetguard® DCA4, Compleat-50 or Cummins® TEC50.
- Low silicate formulation, phosphate and amine free.



Range available:
5 litre P901855
20 litre P901856
205 litre P901857

Coolant Concentrate (must be diluted 50%)

- Suitable for all diesel and gasoline engines.
- Anti freeze-anti boil. When diluted 50% with good quality water will provide freeze protection to -37° C and raise the boiling point to 129° C with a 103 kpa radiator cap.
- Extended Service Life up to 400,000 kms or 6,000 hrs or 2 years service life. If properly diluted before use and maintained correctly, Donaldson HD Coolant Concentrate can be used for 250,000 kms or 4,000 hrs or 12 months without recharge.
- Ethylene glycol based coolant concentrate incorporating advanced hybrid technology inhibitors. The inhibitor package is a balanced mix of organic and inorganic inhibitors specially designed for heavy duty engines. Some Nitrite and Molybdate has been added to help protect the cylinder liners from pitting.
- Longer life can be expected over coolants using straight conventional coolant technology.
- Compatible with most conventional coolants such as Fleetguard® DCA4, Compleat-50 or Cummins® TEC50.
- Suitable for use to correct ethylene glycol dilution as indicated by testing. Use Donaldson Coolant Booster to correct inhibitor depletion or dilution.
- Low silicate formulation, phosphate and amine free.



Range available:
5 litre P901875
20 litre P901858
205 litre P901859

Coolant Booster

- Liquid concentrate package of the additives used in Donaldson Heavy Duty Coolant and is designed to replace these additives that break down and deplete in service.
- Compatible with most antifreezes and coolants currently available.
- Ensures maintenance of protection against scale build up, corrosion, cavitation erosion and wet sleeve liner pitting.
- Can be used as a supplemental coolant additive (SCA) to maintain (recharge) and protect cooling systems treated with Donaldson Heavy Duty Coolant, Fleetguard® DCA4, Compleat-50 and TEC50. Simple to use, dosage rates for systems treated with:
 - Donaldson Heavy Duty Coolant: use 10 ml (1%) per litre of cooling system capacity after 250,000 kms or 4,000 hrs or 1 year.
 - Fleetguard® DCA4, TEC50 or Compleat-50: use 30 ml (3%) per litre of cooling system capacity if shown using coolant strips testing. 3% dose by volume will test strip the equivalent of 1.2 units DCA4 per 3.8 litres (or 1 US gallon) of coolant.
- Donaldson Coolant Booster must be diluted prior to use and is recommended for initial fill.
- Can be used in water only at 7.5% dose (equivalent to 3 units of DCA4 per 3.8 litres of coolant). System must be flushed clean before refilling and service life is limited to 2 years or 2,500 hours or 280,000 kms.