

USING DCA4 LIQUID

Normal range for DCA4 inhibitor as per test kit is 0.4 to 0.8 units per litre (upl) of system capacity with 0.3 being minimum.

1 unit is 95 mls. Liquid DCA4. We round off at 100 mls for calculating purposes.

If using DCA4 liquid

PRECHARGE (not required when filling with COMPLEAT 50 or ES Coolant)

4% to 8% of system volume of DCA4 liquid

OR

1 to 2 units DCA4 liquid for every 2 1/2 ltrs of system capacity.

SERVICE (at oil change 15 to 25 K Klms)

Add

1% to 2% of system volume of DCA4 liquid

OR

1 to 2 units DCA4 for every 10 litres of system capacity.

PLEASE NOTE:

Water only with DCA4 and no glycol falls short in protection over that of a 50% glycol fully formulated with DCA4 coolant such as is found in "Compleat 50". The glycol being of less surface tension to that of water helps additive penetrate better into the pores of the metal as well as the specific gravity of the glycol being slightly heavier better assists in dampening the damaging shock waves produced during liner and pump cavitation. All this as well as the glycol controls uncontrolled nucleate boiling due to its elevated boil point at high heat rejection surfaces such as the cylinder liner.

Our testing over the years shows 50% to 100% greater aluminium protection and around 50% greater liner pitting protection with the glycol present in the coolant over just water and additive.

CUMMINS ENGINES USING WATER ONLY (not Tec 50, Tec XL, Compleat 50, ES Coolant)

Cummins Service Bulletin 3666132 states while not recommended, those refusing the glycol formulation must increase the PRECHARGE DCA4 level an additional 0.26 upl.

Rounded out the precharge now becomes:

0.6 to 1.2 upl (units DCA4 liquid per litre of system capacity)

OR

6% to 12% DCA4 liquid of system capacity.

OR

11/4 to 21/2 units DCA4 liquid for every 2 1/2 ltrs of system capacity.

(Top up)

Precharge DCA 60L 1 unit DCA 95ML Treats 4 LITRES WATER.



Quality Endorsed Company
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Standards Australia

Service 1 unit DCA 95ML. Treats 600ml water

9 for cars.

DCA4 can only be used with other coolants containing Ethylene Glycol if the coolant contains Molybdate and Nitrite.