

ORISON

HDCSC

HEAVY DUTY COOLING SYSTEM CLEANER



DESCRIPTION

HDCSC is a liquid cleaner concentrate specially designed for removing rust, sludge and scale from radiator and engine cooling systems of Automobile, Light-Duty Service and Heavy Duty Engines. It will not adversely affect water pump seals or radiator hoses.

HDCSC is a well balanced mixture of carboxylic acid derivatives and ethoxylated surfactants. It DOES NOT CONTAIN hydrocarbon solvents, amines, silicates, phosphates, carbonates or alkaline compounds.

INSTRUCTIONS

NOTE: Be sure the engine is cold before you start removing the radiator pressure cap.

1. Remove radiator pressure cap
2. Locate the drain valve and open it, drain coolant/water completely out and close drain valve.
3. Fill radiator with tap water until half its capacity.
4. Add HD CSC so that it equals 10% of total radiator capacity
5. Start the engine and add tap water until the radiator is full.
6. Let the engine run until it reaches operating temperature (176°-194°F) and then run for an additional 15 - 20 minutes.
7. Let engine cool down to at least 140°F, insert a garden hose into the fill spout of the radiator, open the drain valve and simultaneously fill and drain the radiator until the water is clear and foam is observed.
8. Stop the engine and drain the coolant system completely.
9. Close drain valve and add antifreeze.

REMOVES RUST
REMOVES SCALE
REMOVES SLUDGE
NEUTRAL PH
NO HYDROCARBONS
NO AMINES
NO SILICATES
NO PHOSPHATES
NO ALKALINE

Typical Properties

Appearance: Clear to Pale Yellow
pH: 6.5 - 7.5
Specific Gravity: 1.05
Density (lb/gal): 8.76
Solubility in H₂O: Complete

Packaging

24 Oz. Bottle
1 Gallon Jug
4 x 1 Gallon Case
5 Gallon Pail
55 Gallon Drum

HMIS	
HEALTH	1
FLAMMABILITY	0
INSTABILITY	0
SPECIFIC	0