

DESCRIPTION

ECC-19 is a powerful concentrated liquid solution of aromatic hydrocarbons, powerful surfactants and corrosion inhibitors to remove carbonaceous deposits like oil, grease and soot from air coolers and turbochargers.

Product Name : **ECC-19 (AIR COOLER CLEANER)**
Document No : SP-KS-053
Chemical Name : Chemical Mixture
Usage Area : Cleaning of Air Coolers

A. ORGANIC PROPERTIES

Appearance

Physical Status(20°C): Liquid

Color : Transparent

Odor : Solvent

B. PHYSICAL PROPERTIES

pH (in conc) : -

Molecular Weight : -

Flash Point : > 61°C

Density : 0.85 – 0.95 gr/cm³

Solubility in Water : Appreciable

APPLICATION, FEATURES & BENEFITS

- ✓ Efficiently removes oil, grease and carbon deposits from air coolers, turbochargers and scavenging systems.
- ✓ Can be safely used on all metals and metal alloys and removes quickly all deposits over components of an engine without causing any damage.
- ✓ Prevents the ignition risks of oil and soot in case the surfaces are cleaned with ECC-19.
- ✓ Non corrosive.
- ✓ Easy to apply and use, corrosion proof and low cost.

STORAGE INFORMATION

Packing: 25 /30 L. sealed drums.

Storage Period: 3 years

DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

The quantity of ECC-19 to be used is proportional with the degree of deposit accumulation and the surface area to be cleaned. If the accumulation is heavy, ECC-19 is recommended to use undiluted to remove deposits effectively. ECC-19 may be diluted 25% - 50% by volume with fresh water. Solution turns a milk-white liquid when ECC-19 is diluted with water. If the maximum performance is requested, ECC-19 should be used in 5 minutes after the dilution.

ECC-19 can be used directly on the surfaces if the accumulation is light. However, it is recommended to wash air coolers with large amount of hot water before starting cleaning procedure. ECC-19 can be applied with the following application methods: circulation, soaking and the injection.

Circulation is the method to be used on in-situ air coolers. ECC-19 is circulated through inflow and outflow pipes by use of solvent a pump during a period of 2-5 hours. It is recommended that ECC-19 is heated up to 50 °C to have better results.

Soaking is the method to be used on dismantled air coolers; they should be immersed in a bath filled with concentrated ECC-19. Then, the cleaning procedure can be started by heating the solution to approximately 50 °C. Left air coolers inside the solution for 2 hours to soak, afterwards rinse with warm water. Finally dry the cooler with air.

Injection method: ECC-19 is directly injected to deposits on the air coolers, to have better cleaning results wait 10-15 minutes then rinse with hot water and dry the cooler with air.