

## ProClean ACC ECC-19

Cleaning of air coolers

### Description

ProClean ACC; It is a product used to clean carbonaceous deposits such as oil, grease and soot from air conditioners and turbines (turbochargers). It is a powerful solvent-based cleaner containing aromatic hydrocarbons, strong surfactants and corrosion inhibitors.

### Directions For Use/Applications & Dosage Rates General Cleaning

The amount of ProClean ACC to be used depends on factors such as the level of dirt accumulation and the surface area being cleaned. If there is a significant amount of debris on the surface, it is recommended to use ProClean ACC undiluted for optimal results. Alternatively, it can be diluted with 25-50% distilled water based on the extent of the deposits. When ProClean ACC is mixed with water, it will appear milky white. After dilution, the product should be used within 5 minutes to ensure maximum effectiveness.

If the air cooler is in normal or partially clean condition, ProClean ACC can be applied directly. However, if the cooler is very dirty, it's best to first soften the dirt by rinsing it with plenty of hot water. Following this, various cleaning methods using ProClean ACC can be employed: circulation, immersion, or spraying.

**Circulation Method:** In this method, ProClean ACC is circulated through the on-site air cooler at intervals of 2-5 hours using a pump that moves the solution through the inner and outer pipes. For optimal results, it is advisable to heat the solution to 50°C.

**Immersion Method:** This involves immersing the disassembled air cooler in a portable tank filled with concentrated ProClean ACC. Simultaneously, the mixture should be heated to around 50°C to initiate the cleaning process. After 2 hours, the air cooler should be removed, thoroughly rinsed with warm water, and then dried using pressurized air.

**Spraying Method:** In this approach, ProClean ACC is sprayed directly onto the deposits on the air cooler. After allowing it to sit for 10-15 minutes, the cooler should be rinsed with warm water and then air-dried.

### Solvent Based Cleaners

#### Summary

- Effectively removes oil, grease and carbon deposits from air cooler, turbines (T/C) and exhaust systems.
- ProClean ACC can be safely applied to all metal and metal alloy surfaces. It penetrates quickly without causing any damage to engine parts, allowing debris to be removed in a short time.
- Cleaning the oil and soot that have built up on surfaces with ProClean ACC helps prevent the fire hazards these deposits may cause.
- ProClean ACC is not corrosive.
- Biggest advantages are its easy application and use, corrosion resistance and low cost.

#### A) Organic Properties

Physical State (20°C): Liquid

Color : Clear

Odor : Solvent odorised

#### B) Physical Properties

pH : -

Molecular Weight : -

Explosion Limit : No

Flash Point : 65°C

Density : 0.85-0.95 g/cm<sup>3</sup>

Solubility : It dissolves in water by turning white.

#### Storage Conditions

Packaging Type : 25-30 liters sealed original plastic drums

Storage Period : 3 years

#### Approvals & Certificates



Product No : SP-KS-053