

Armcoltherm® Clean OS

Heat Transfer System Cleaners

Armcoltherm Clean OS Environmentally Friendly Heat Transfer System Hydrocarbon Cleaner is a green, non-corrosive, fast and safe organic solvent cleaner with excellent permeability and the ability to remove oil coke, simple and convenient to use, recyclable after use, safe and environmentally friendly. There will be no pitting, oxidation or other harmful reactions to the material. It can quickly dissolve mineral oil or heat transfer oil, heat transfer oil, oxidized oil sludge and heavy coke.

Property	Units	Value
Appearance		Clear,yellow liquid
Flash Point	℃	» 130
Autoignition Temperature	℃	» 400
Boiling range	℃	230~343
Kinematic viscosity 40℃	mm ² /s	1~7
Density at 20℃	kg/m ³	0.90~100
Usage	Cleaning-in-place method	5%~20%
	Full solvent cleaning method	100%

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How to Use:

Cool down to below 90℃, after discharging the waste oil, add Armcoltherm Clean OS, raise the temperature to 100~110℃ to discharge the water that may exist in the system, raise the temperature to 180~200℃, keep the system circulating for 24h~48h, maximize the solvent effect of the cleaning agent, and the system can reduce the amount of cleaning agent by segmented cleaning. After cleaning, cool down to below 90℃ and drain the cleaning agent. Armcoltherm Clean OS is thermally stable and compatible, and a small amount of residue will form azeotrope with the heat transfer oil in the system, so there is no need to worry about the impact of cleaning agent residues on the new heat transfer oil in the system.

Solvent cleaning is not possible when the system is heavily contaminated with hard coke deposits, and the removal of highly inert hard coke is often required