

PreClean *For Pre-Sump Dump*

FEATURES

- Easy to apply coolant system conditioner
- Allows current coolant to help condition the system
- Decreases coolant system maintenance time
- Reduces residues, especially ones that are difficult to get to with normal cleaning
- Improves the functionality of the fresh subsequent coolant fill
- Can be used to compliment any sump cleaning procedures

GENERAL DESCRIPTION

Therefore, before switching to a quality coolant, such as Hangsterfer's, it is recommended that **PreClean** be added to the old coolant to help condition the system.

PreClean helps to break up slimes and residues in the coolant system, releasing its hold from surfaces within the machine. Once this hold is broken, the slime and residues will be free in the sump and easy to remove when the old coolant is dumped and the machine cleaned.

APPLICATIONS

Primary	Secondary
Coolant System Conditioner	New Machine Cleanout
Pre-dump Coolant Treatment	Parts Washer Systems

INSTRUCTIONS

Dose Recommendations:

- **MAINTAINING COOLANT** - Add 10ml for every 100L
 1. Add 3ml per 10seconds into flowing coolant
 2. Repeat once a month
- **DUMP and RECHARGE** – Add 40ml for every 100L 24-72 hours before dumping the existing coolant;
 3. Add PreClean to the coolant at the recommended dosage and run as normal for 1 to 3 days to circulate the treated coolant. Be sure to include the high pressure system, coolant by-pass and conveyors. Drain the system, including the high-pressure system, coolant by-pass, conveyors, and all coolant reservoirs. Remove the old coolant and solids (conveyor drain plugs are usually on the side at the bend leading out of the machine). Many conveyor systems hold 20 gallons of coolant.
 4. Fill with water and Hangsterfer's Clean All at the recommended dose. Circulate for 15 minutes to 2 hours. Allow cleaner to come in contact with, all machine surfaces, high-pressure system, coolant by-pass and conveyors.
 5. Drain and change any coolant filters. Drain the conveyor system, coolant by-pass, and high-pressure system, and all coolant reservoirs.
 6. Fill the system with a low concentration of coolant (approximately 3%) and run through the pumps for 10 minutes. This is to flush the system of any remaining cleaner.
 7. Drain and fill with fresh coolant at the recommended concentration. It is best to use a Hangsterfer's Accu-Mix when mixing coolant. Allow fresh coolant to come in contact with all machine surfaces, high-pressure system, coolant by-pass and conveyor.

Tank(L)	Maintaining	Dump & Recharge
	Preclean (ML)	Preclean (ML)
50	5	20
100	10	40
200	20	80
300	30	120
500	50	200
1000	100	400

PRODUCT CHARACTERISTICS

Product Name: PreClean	
Form	Liquid
Color	Amber
Odor	Mild
Specific Gravity	1.13 – 1.16
Viscosity: SUS @ 100°F	575
cSt @ 40°C	125
Flash Point, COC, °F/°C	212 / 100
Fire Point, COC, °F/°C	230 / 110
Pour Point, COC, °F/°C	32 / 0
Solubility in Water	100%
Boiling Point, °F/°C	212 / 100
Vapor Pressure, mm Hg @ 25°	<0.1
pH	6-8

WASTE TREATMENT

Dispose of in accordance with local, state, federal and international laws.

SHIPPING UNITS

All Hangsterfer's products are available in pails, drums and Intermediate Bulk Containers (275 gallons). All products are distributed worldwide.

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