

HOUGHTON ITALIA S.p.A.



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HOUGHTO CLEAN 103

DEGREASER - CLEANING DISINFECTANT FOR CENTRALIZED SYSTEMS AND SINGLE MACHINES

HOUGHTO CLEAN 103 is a degreaser performing a disinfectant action while cleaning the system without it being stopped.

CHEMICAL-PHYSICAL CHARACTERISTICS

Appearance	Pale yellow fluid
Odour	Odourless
Specific gravity at 15.5°C	1.075-1.090
pH neat	12.0-13.5
Solubility	Soluble in emulsion of lubricating solution

HOUGHTO CLEAN 103 can be used each time a cleaning operation of the system is required.

The best rate of use is 1%-2% of the full quantity of fluid in circulation.

The product must be added to the discharging emulsion, let circulated for 4 to 6 hours and finally discharged.

If a different product is used, it is necessary to wash the system before filling.

ADVANTAGES

1. Quick discharging operation and substitution of the coolant avoiding degreasing operation.
2. Work possibility during cleaning operation.
3. Complete cleaning and disinfectant action of the system.

ADVICE

It is advisable not to leave the solution containing HOUGHTO CLEAN 103 in a non-working system for more than 6 hours.

Avoid HOUGHTO CLEAN 103 concentrations exceeding 3%.

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EXAMPLE OF HOUGHTO CLEAN 103 ACTION AS BACTERICIDE IN A VERY BAD EMULSION

TIME	COOLANT WITHOUT HOUGHTO CLEAN 103	COOLANT WITH 1% HOUGHTO CLEAN 103
Initially	+++	+++
After 30 minutes	+++	++
1 hour	+++	++
2 hours	+++	+/-
3 hours4 hours	++	-
4 hours	+++	-
6 hours	+++	-

+++ high proliferation
 ++ medium proliferation
 + light proliferation
 +/- only one colony
 - no growth

E/05-APPROVAL: D.Petta