

TECHNICAL DATA SHEET

PROCLEAN SYS

Cleaner Concentrate

DESCRIPTION

PROCLEAN SYS is recommended for cleaning individual machine and central system reservoirs, metalworking fluid lines, premix tanks, machines and parts and as an additive to improve a fluids sump life.

APPLICATION

SUMP CLEANER:

After draining: Drain used metalworking fluid and charge system with 2% PROCLEAN SYS.

Circulate for at least 2-4 hours through all lines and machine tools (does not cause rust), drain, rinse and recharge with a fresh PROLEAN SYS product.

With fluid in use: After production stops, add 4 Litres PROCLEAN SYS concentrate to each 200 litres of dirty fluid (2%) in the machine reservoir or central system. Circulate the mixture for four hours or longer through all lines and machine tools. Drain, rinse and recharge with a fresh coolant.

SPECIAL FEATURES

PROCLEAN SYS Improves rancidity control by removing biofilm, dirt, grit, insoluble soaps and oils.

- Low foaming
- Removes insoluble soaps from dirty central systems in hard water areas
- Removes chip deposits and tramp oil from central systems and machines
- Protect machines and parts from rusting during cleaning.

HEALTH AND SAFETY

For proper handling and storage, please refer SDS, and share the information to user. For any other information, please contact Callington representative.

The product is available in 200 Liters-Drum and 20 Liters-Pails

TYPICAL DATA

CONCENTRATE	METHOD	UNITS	TYPICAL VALUES
Appearance	Visual	-	Clear liquid
Specific Gravity	ASTM D 4052	-	0.97-1.1
SOLUTION			
Appearance	Visual	-	Clear
pH in use	pH meter	-	9.5-10.0
Refractometer Factor	Refractometer	-	2.0

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RECOMMENDED DILUTIONS

PROCLEAN SYS is to be mixed with water for use. Always add concentrate to water.

System cleaning 2%- 4% (1:50-1:25)

Concentration varies depending on the type of machining operation, the water hardness, and required finish.

The survey form is available with Callington representative.

CALLINGTON PRODUCTS

Callington's **SYN** and **CAL-COOL ES** series are proven product for use in all metalworking applications.

Apart from above, Callington is having below product range:

CalGuard DW and DWP series of Rust Preventives suitable for protection up-to 12 months

Pro-Clean series of cleaners suitable for removing different soils from components and meet the Millipore requirement

Evap-Lube series of stamping oils

Eco-Tap Spray for drilling, tapping, cutting

COOLANT MANAGEMENT

- Always premix the coolant for top-up. Do not add coolant directly to sump
- Coolant shall be added in water in the recommended ratio and shall be mixed thoroughly before top-up
- Keep check on water quality, recommended water quality will ensure long sump life and smooth running
- Run oil skimmers to remove excess tramp oil from coolant
- Ensure chip / swarf conveyors or chips / burr removal system is in working condition, if swarf remains in sump, coolant can turn brown, or it can accelerate corrosion / rust
- Circulate coolant and check concentration with a refractometer. Maintain fluid level
- Check pH using pH colour sticks (If pH starts to fall, add coolant to bring up concentration. If pH does not stabilize, it is time to replace coolant. If coolant needs to be replaced, dump old coolant, clean machine using tank cleaning procedure)
- Record data on a machine check sheet. This can be used to determine trends of a particular machine

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