



CLN-5000

Alkaline Cleaner for Closed Loop & Steam Boiler Systems

Description

Glengarry **CLN-5000** Alkaline Cleaner is formulated for the removal of oil, grease and iron oxide scale from new recirculating water and steam boiler systems. **CLN-5000** is an alkaline based cleaner and consists of caustic, chelants, surfactants, wetting agents and dispersants.

CLN-5000 can be used as a boil out compound for new systems. The cleaning process can be accomplished in a matter of hours. **CLN-5000** is concentrated liquid product with a dark brown appearance and the following characteristics:

 pH (1% Solution):	>13.0
 S.G.:	1.10 - 1.15

Application

New Closed Loop Systems: New closed loop systems must be cleaned before being placed into service. The pre-operational cleaning procedure with **CLN-5000** will provide the necessary cleaning and preparation for passivating newly installed systems so that maximum performance can be achieved from the equipment.

Steam Boiler Systems: New steam boilers must be cleaned with a boil-out procedure. Please refer to the steam boiler manufacturer specifications for the recommended boil-out procedure. If no specifications are available, the refer to these **CLN-5000** directions.

Directions

CLN-5000 is normally fed to the system at a nominal dosage rate of 5 to 10 litres per 1000 litres of system water.

For steam boiler systems, the boiler is operated at low fire at one third of its normal operating pressure for 4 to 6 hours. Periodically blowdown the boiler at both the surface and bottom drums to remove any foreign matter. When boiler blowdown has stabilized, shut down boiler, and continue blowdown to reduce pressure. After boiler has cooled, open for inspection and hose down tubes to remove any remaining foreign material.



After cleaning, the system should then be refilled with clean water and treated with the normal chemical Treatment.

Safety Precautions

CLN-5000 is a highly alkaline product, observe all safety and handling precautions. Wear the appropriate safety equipment before handling.

For further information, please refer to the Safety Data Sheet.

Availability

-  20 Litre pail
-  205 Litre drum