



Lyden Oil Company

ProGuard

Product Information

ProGuard Merit Sump Cleaner A

ProGuard Merit Sump Cleaner A is a low foam alkaline cleaner designed to remove process oils, gummy deposits of oil, grease, swarf, and normal shop soils from machine tools, floors, and other hard surfaces. It combines organic and mineral alkalinity builders, detergents, water conditioners, and deodorizer for optimum performance.

ProGuard Merit Sump Cleaner A's primary application is for cleaning machine tool coolant sumps and surfaces. It can also be used for general shop cleaning with mop and bucket, auto-scrubber or spray washer.

Advantages

- Powerful Detergency
- Non Ozone Depleting
- Mild Odor
- Versatile
- Superior Oil Rejection
- Low Foam
- Economical
- No Flash Point

Recommended Starting Dilutions

General Cleaning Applications
Heavy Soil and Sludge Deposits
Added Directly to Old Coolant

20:1 at 70-110 °F
10:1 at 70-110 °F
2-4% by volume

ProGuard Merit Sump Cleaner A

Appearance - concentrate	Clear Blue liquid
Appearance - dilution	Transparent liquid
pH @ 20:1 (5 %)	10.8 ± 0.3
Specific Gravity @ 60°F	1.02 ± 0.01
Lbs./Gallon	8.50 ± 0.1
Flash Point, °C (°F), ASTM D-92	None

Lyden Oil Company

30692 Tracy Road
Walbridge, OH 43465
1(800)24-LYDEN
local: (419)666-1948
fax: (419)666-8790
gam@lydenoil.com

3711 LeHarms Road
Youngstown, OH 44515
1(800)362-9410
local: (330)792-1100
fax: (330)792-1462
lal@lydenoil.com

16275 National Parkway
Lansing, MI 48906
1(800)968-6457
local: (517)485-2285
fax: (517)485-0605
jtr@lydenoil.com

8151 Millis Road
Shelby Township, MI 48317
local: (586)997-1319
fax: (586)997-1352
jcc@lydenoil.com

3249 Wales Ave. NW
Massillon, OH 44646
local: (330)832-7800
fax: (330)832-2787
lal@lydenoil.com



Lyden Oil Company

ProGuard

Product Information

ProGuard Merit Sump Cleaner A

ProGuard Merit Sump Cleaner A—DIRECTIONS FOR USE

1. Drain sump or system as completely as possible.
2. Remove any solids from sump or system.
3. Add one gallon of ***ProGuard Merit Sump Cleaner A*** for each 20 gallons of coolant capacity.
4. Fill sump with water to normal operating level and allow to circulate for a period of at least 4 hours.
5. While cleaner is circulating, use a rag or brush to remove stubborn deposits on machine surfaces and in coolant troughs. Allow fluid to wash material into the sump.
6. Remove cleaner and all solids from the sump.
7. Fill sump to normal operating level with water and add one gallon of ***ProGuard Merit Sump Cleaner A*** for each 100 gallons of water and allow to circulate for at least one half hour.
8. Remove fluid from the sump.
9. Immediately recharge machine with the appropriate amount of metalworking fluid at the correct dilution and allow to circulate for at least one half hour to insure protection against corrosion.

Alternative Sump Cleaning Procedure (For Minimal Loss of Productivity)

1. Add ***ProGuard Merit Sump Cleaner A*** directly into the present coolant at a rate of 2 - 4 % by volume.
2. Run production for a period of 1 to 2 shifts.
3. Remove coolant/cleaner mixture and any chips.
4. Fill sump with enough water to circulate through pump and coolant lines.
5. Remove rinse water.
6. Immediately recharge with fresh coolant at the correct dilution.

Lyden Oil Company

30692 Tracy Road
Walbridge, OH 43465
1(800)24-LYDEN
local: (419)666-1948
fax: (419)666-8790
gam@lydenoil.com

3711 LeHarms Road
Youngstown, OH 44515
1(800)362-9410
local: (330)792-1100
fax: (330)792-1462
lal@lydenoil.com

16275 National Parkway
Lansing, MI 48906
1(800)968-6457
local: (517)485-2285
fax: (517)485-0605
jtr@lydenoil.com

8151 Millis Road
Shelby Township, MI 48317
local: (586)997-1319
fax: (586)997-1352
jcc@lydenoil.com

3249 Wales Ave. NW
Massillon, OH 44646
local: (330)832-7800
fax: (330)832-2787
lal@lydenoil.com