



Product Bulletin

GULF SUMP CLEANER

Gulf Sump Cleaner 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.

APPLICATION: **Gulf Sump Cleaner** is for cleaning machine tool coolant sumps and surfaces. It may also be used for general cleaning with mop and bucket, auto-scrubber or spray washer.

FEATURES AND BENEFITS:

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

Typical Properties

| Product Code | Test Method | 335190 |
|--------------------------|-------------|-------------------|
| Appearance – concentrate | | Clear Blue liquid |
| pH @ 20:1 (5%) | | 10.8 ± 0.2 |
| Specific Gravity @ 60°F | | 1.02 ± 0.03 |
| Lbs/Gallon | | 8.5 ± 0.1 |
| Flash Point, PMCC, °F | | None |

Mixing Instructions

| | |
|-----------------------------------|-----------------|
| Most Cleaning Applications | 20:1 @ 70-110°F |
| Heavy Deposits of Soil and Sludge | 10:1 @ 70-110°F |
| Added Directly to Old Coolant | 2-4% by volume |

Directions for Use

1. Drain sump or system as completely as possible, removing any solids.
2. Add 1 gallon of **Gulf Sump Cleaner** for each 20 gallons of coolant capacity, fill sump with water to normal operating level and circulate for a period of at least 4 hours.
3. 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.
4. Remove cleaner and all solids from the sump, then fill sump to normal operating level with water, add 1 gallon of **Gulf Sump Cleaner** for each 100 gallons of water and circulate for at least ½ hour.
5. Remove fluid from the sump and immediately recharge machine with the appropriate amount of metalworking fluid at the correct dilution; circulate for at least ½ hour to protect against corrosion.

ALTERNATE SUMP CLEANING PROCEDURE (For minimal loss of productivity)

1. Add cleaner directly into present coolant at a rate of 2-4% by volume, then run production for 1-2 shifts.
2. Remove coolant/cleaner mixture and any chips, fill sump with enough water to circulate through pump and lines.
3. Remove rinse water and immediately recharge with fresh coolant at the correct dilution.

AVAILABILITY: **Gulf Sump Cleaner** is available throughout Gulf’s marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF(4853) or visit Nu-tierbrands.com.

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NU-TIER BRANDS, INC.

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