

AmberClean™ L12H

Aqueous Metal Cleaner

Description

AmberClean L12H is a multipurpose, biodegradable cleaner, which does not contain volatile organic compounds or ozone depleting substances. AmberClean L12H's unique water-based formulation is founded on new cleaning technology and, as such, possesses a degree of environmental and personal safety that exceeds typical cleaners for similar applications. AmberClean L12H's powerful surface active agents cut through and remove combinations of grease, oil, dirt, waxes, cutting fluids, lubricants and other organic contaminants from soiled surfaces. Innovative Organics' proven corrosion inhibition technology protects metal surfaces during cleaning processes without the use of silicates. AmberClean L12H is well suited for immersion or hand-wipe applications and may be used with ultrasonic tanks, re-circulation pumps or other similar equipment.

Features and Benefits

- Designed to prevent corrosion on ferrous and non-ferrous substrates, including aluminum
- Does not contain chlorine, sulfur, phenols, nitrites, diethanolamine, silicone, silicates glycol ethers or hazardous solvents (no VOC's)
- Will not leave films or residues
- Cleans grease, oil and dirt combinations effectively
- Unique water based formulation rinses easily and is low foaming
- Will not remove alodine
- May be ultra filtered for extended tank life

Typical Physical Properties

Appearance	clear, amber liquid
Specific gravity @20°C	1.01
LBS/gallon	8.42
pH (concentrate)	8.40
Volatile Organic Compounds	0 g/l
Flash Point	None
Theoretical Oxygen Demand (TOD)	0.50

Recommended Process Parameters

AmberClean L12H can be diluted with tap water, but soft or deionized water is recommended. It should be diluted to a concentration of 5.0% - 25.0% and used at a temperature of ambient to 140°F. A deionized water rinse is recommended following processing with AmberClean L12H. In applications replacing solvent or vapor degreasing, AmberClean L21, a non-silicated aqueous solvent cleaner should be used instead of traditional alkaline cleaners.

Availability

Bulk, 55 gallon drums, 5 gallon pails, 1 gallon containers

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