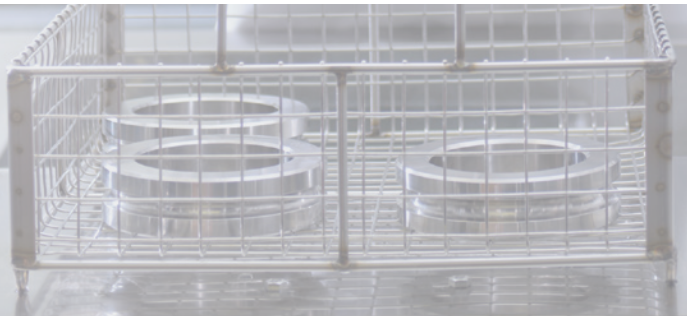


INNOVATIVE CLEANING TECHNOLOGY



IMMERSION CLEANER: AGI-LIFTS AND SOAK TANKS

MET-KLEEN 118

Multi-Purpose Metal Cleaner

Light to Moderate Duty

MET-KLEEN 118 is a mild alkaline metal cleaner that can be used as a universal cleaner to consolidate to one product in most plants. This premium cleaner is formulated with a lower pH and alkalinity than most metal cleaners making it very user friendly for operators and non-staining to sensitive alloys. MET-KLEEN 118 can be used in all types of industrial spray wash applications from single stage washer to multi-stage washer and intensive flood washers. This versatile cleaner can also be used in soak tanks, agi-lifts, and in manual cleaning. MET-KLEEN 118 will clean most all industrial soils and leaves the part with a very light film for rust protection. This product is designed for use on both ferrous and non-ferrous metals.

Performance Benefits

- Saves energy dollars due to ambient temperature operation
- Superior in-process corrosion protection
- Low foaming surfactants to prevent pump cavitations and foam-outs
- Very operator friendly due to low pH and mild alkalinity
- May also be used in spray wash and ultrasonic cleaning applications

Recommended Dilutions

Recirculating tanks, dip tanks, agi-lifts, soak tanks:	4-9%
Spray washers, cabinet washers:	3-5%
Ultrasonic:	3-6%

Concentration Control

Use a QualiChem Alkalinity Test Kit (QAT001) or equivalent with 1.0N sulfuric acid. Determine the number of drops necessary to cause the color change. Multiply the number of drops by the titration conversion factor below to determine the percent concentration: Drops x Factor = % Concentration.

Titration conversion factor: 0.67

Packaging

MET-KLEEN 118 is packaged in IBCs, drums and pails.

Disclaimer: Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice.

CHEMISTRY¹	Oil-dispersing
APPEARANCE OF CONCENTRATE	Clear, pale yellow liquid
DENSITY	8.84 lbs/gal
pH OF CONCENTRATE	9.5-10.0
pH OF SOLUTION @ 3%	8.8-9.2
OPERATING TEMP. RANGE²	100°-140°F (38°-60°C)
METAL SAFETY	<ul style="list-style-type: none">• Al• Fe• Yellow metals
SOILS REMOVED	<ul style="list-style-type: none">• Cutting fluids• Oil• Carbon• Organic materials

MET-KLEEN 118 does not contain as an ingredient: nitrites, phosphates or silicates.

¹ Oil-rejecting cleaners split oils to the top for easy skimming. Oil-dispersing cleaners break up the soil into fine particles, which are then suspended and flushed off the surface. Emulsifying cleaners break up and suspend loosened dirt to keep it from settling back on the cleaned surface.

² Higher temperatures generally provide better cleaning.



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Metalworking Fluids

