

LAC 160

MEDIUM DUTY GENERAL PURPOSE STEEL SPRAY CLEANER

▶ PRODUCT DESCRIPTION

LAC 160 is a liquid alkaline cleaner used primarily in industrial power spray and immersion degreasing applications for in-process cleaning of ferrous and aluminum metals. Incorporating the latest surfactant technologies for detergency and wetting available, LAC 160 offers exceptional cleaning properties for the removal of most industrial contaminants, particularly heavy mill oils, grease, hydrocarbon oil based process lubricants, smut, and fine particulate entrained into the substrates surface. The residual films of LAC 160 can provide short-term corrosion protection for parts in storage and during shipping. LAC 160 contains no potassium hydroxide or sodium hydroxide. LAC 160 is designed for use on both ferrous and non-ferrous metals.

▶ FEATURED BENEFITS

- Superior wetting
- Free rinsing
- Good corrosion protection for tooling, equipment, and parts
- High detergency
- Contains no oils, phosphates or nitrates

APPLICATION



COMPATIBLE METALS

Aluminum
Cast Iron
Carbon Steel
Tool Steel
Stainless Steel
Steel

APPLICATION METHOD

Spray Washer
Immersion Tank
Agi-Lift
Ultrasonic Bath

OPERATING TEMPERATURE

Ambient – 180°F (82°C)

DILUTION RANGE

3 – 15 % v/v

FOAMING CHARACTERISTICS

Low

RUST PROTECTION

Short-term





TYPICAL PROPERTIES

Fluid Type	Alkaline cleaner
Appearance	Straw colored liquid
Specific Gravity, 77°F (25°C)	1.05
Weight, lb/gal., 77°F (25°C)	8.75
pH (10% dilution)	9.50 – 10.30
Foaming Tendency	Low

PRODUCT APPLICATION / USAGE

LAC 160 is recommended for general purpose cleaning and degreasing operations of ferrous and non-ferrous alloys. It can be utilized at temperatures from ambient to 180°F (82°C) in both spray and immersion systems. Use concentrations should begin at 3.0-6.0% for general purpose applications and 5.0-15.0% for heavy soils and severely contaminated substrates. LAC 160 is to be mixed with water for use. Always add product concentrate to the water, not water to product concentrate. Product concentration can easily be monitored by refractometer.

Operation	Temperature	Cast Iron, Steel, Ferrous Alloys	Aluminum Alloys
Spray Washer	140° – 160°F (60° – 71°C)	4 – 6%	4 – 6%
Immersion Tank/Agi-Lift	140° – 160°F (60° – 71°C)	5 – 6%	5 – 6%
Ultrasonic Bath	140° – 160°F (60° – 71°C)	4 – 5%	4 – 5%

MIXING DATA

Concentration control is easily maintained with a hand held refractometer or Chemtool titration kit.

Concentration	15%	10%	8%	5%	4%	2%
Refractometer (bx-tc) (factor = 3.3)	4.5	3	2.4	1.5	1.2	.61

PRODUCT CODE

4102500000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).