

ARDROX[®] 1218

Inhibited liquid acidic product for scale and rust removal

PRIMARY APPLICATION

ARDROX 1218 is a liquid acidic product formulated to remove rust, heat treatment scale, welding scale and some paints. Ardrex 1218 is especially suitable for use on chromium plated ferrous materials and ferrous surfaces which require very close tolerances.

APPROVALS

Pratt & Whitney SPMC 21
 Bell Helicopter
 Mil-C-43616 C Class 1
 SAE ARP 1755B

CHEMICAL CHARACTERISTICS

chemical composition.....blend of phosphoric acid and inhibitors
 physical form.....Colorless liquid
 bulk density.....10.51 lb/gal @ 68°F
 foaming tendency.....none
 recommended diluent.....water
 maximum solubility.....complete
 rinsability.....excellent
 Normal working concentrations.....10 to 50% b.v.
 Normal working temperatures.....ambient to 180°F
 pH at working concentrations.....less than 2.5

APPLICATION PROCEDURE

Ardrex 1218 can be diluted with water to a concentration between 10 and 50% b.v. The actual concentration required will depend on the amount of soils to be removed from the parts. Ardrex 1218 can be used at temperatures up to 140°F (60°C).

If parts to be treated have any oil or grease on them they should be cleaned prior to treatment with the use of a cleaning agent such as Ardrex 5529 (solvent cleaner) or Ardrex 6333 (alkaline aqueous cleaner) or other approved cleaner.

After treatment in the Ardrex 1218 the parts should be thoroughly rinsed in hot water. The parts should then be dried as quickly as possible. A dewatering/short term corrosion protection such as Ardrex 3968 may be used to protect the parts.

SAFETY AND HANDLING

Prior to handling and use of any of the materials referenced in this document, the Material Safety Data Sheets should be read and understood by all personnel in contact with these materials.

KEEP OUT OF REACH OF CHILDREN

STORAGE

Dry indoor storage at temperatures between 40°F and 100°F is recommended, away from any incompatible materials referenced in the Material Safety Data Sheets. All containers should be tightly closed when not in use.

SHELF LIFE

The shelf life is 3 years.

DISPOSAL

Any disposal of the materials referenced in this document should be in accordance with all applicable federal, state, and local regulations. The process solution can contain components other than those present in the materials as supplied. Analysis of process solutions may be required prior to disposal.

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FM 93563