

Ardrox[®] 396/1 E8

WATER-DISPLACING CORROSION INHIBITOR

1 Description

Ardrox[®] 396/1 E8 is a blend of surfactants, corrosion inhibitors and oil in a petroleum-based solvent. It is designed to have excellent dewatering and penetrating properties and will leave a thin, oily film on articles to which it is applied. This film will impart good corrosion protection. Ardrox[®] 396/1 E8 is not recommended for outdoor storage protection. Other Ardrox[®] products, e.g. Ardrox[®]3140, are available for long-term protection outdoors.

Approvals

✓ CFMI	CFM56
✓ Dassault Aviation	DGQT 1.7.0.103
✓ Eurocopter	SPM, ECA-L 3071
✓ SNECMA	DMR 75-60

Ask your Chemetall representative for a complete list of approvals

2 Physical and chemical properties

Property	Typical Value	Unit	Test Method
Appearance	Yellow to amber liquid	-	-
Density	0.810 – 0.844 at 20 °C / 68 °F	g/ml	-
Flash point	Approx. 43 °C / 109 °F	-	-
Viscosity	< 7 at 40 °C / 104 °F	mm ² /s	-

These are typical values only and do not constitute a specification.

3 Typical use

The following are examples of the uses of the product:

- Dewatering and temporary corrosion protection after pickling
- Temporary protection in inter-stage fabrication and storage of parts, sub-assemblies, dies and tools
- Penetrating fluid for freeing seized components
- Restoring wet electrical equipment to working order without the necessity for drying out
- Preservation of gas turbine compressors
- Maintenance protection of on-site plant and equipment

4 Method of use

The preferred methods of application of Ardrox[®] 396/1 E8 are by spraying, brushing or swabbing. It may, however, also be applied by dipping, in which case tanks should be constructed with a sloping or conical bottom so that any water which collects may be easily run off.

Ardrox[®] 396/1 E8 is also available in an aerosol pack for ease of application. Extension tubes are supplied with the aerosols so that the product may be sprayed into crevices, recesses etc.

For optimum protection, film thickness should be > 5 µm.

Ardrox[®] 396/1 E8 may be removed with white spirit, Ardrox[®] 9PR50 or Ardrox[®] 5503.

A slight precipitation may occur during storage; it is therefore recommended to thoroughly mix Ardrox[®] 396/1 E8 before use.

5 Effects on materials

When used in the prescribed manner Ardrox[®] 396/1 E8 will have no deleterious effect on most materials of construction or good quality paint schemes. Some types of rubber, however, will swell after prolonged contact.

Mild steel is a suitable material for tank construction.

6 Shelf life

The shelf life is 3 years from date of manufacture.

7 Storage

Store under normal conditions with the containers tightly closed.

8 Labor and environmental protection

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

9 General Information

Chemetall supplies a wide range of chemical products and associated equipment for cleaning, descaling, paint and carbon removal, metal working and protection and non-destructive testing. Sales Executives are available to advice on specific problems and applications.

The above details have been compiled to the best of our knowledge on the basis of tests and research work and with regard to the current state of our practical experience. This technical product information is non-binding. No liabilities or guarantees deriving from or in connection with this leaflet can be imputed to us. Statements relating to possible uses of the product do not constitute a guarantee that such uses are appropriate in a particular user's case or that such uses do not infringe the patents or proprietary rights of any third party. The reproduction of any or all of the information contained in this leaflet is expressly forbidden without Chemetall's prior written consent.

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