

# Ardrox<sup>®</sup> 5502, 5503 & 5504

## SOLVENT CLEANERS

### 1 Description

Ardrox<sup>®</sup> 5502, 5503 and 5504 are clear, colorless, mobile solvent cleaners with different flash points and volatility. They meet the requirements of the MIL-PRF-680.

Ardrox<sup>®</sup> 5502, 5503 and 5504 are intended for use as a general industrial solvent cleaner for oils and greases.

#### Approvals & conformances for Ardrox 5503

✓ Airbus	CML 08BBB1
✓ Boeing	BAC 5750
✓ GE aircraft engines	SPM 70-80-04, Ref. C04-002
✓ Goodrich	CMM
✓ Honeywell	HTF 7000
✓ Rolls Royce	Overhaul material OMat 102C
✓ Turbomeca	MM Ariel 2B1
✓ Safran Group	DMR70-710, PR-5000
✓ US DoD	MIL-PRF-680 Type II

Ask your Chemetall representative for a complete list of approvals

### 2 Physical and chemical properties

Property	Ardrox 5502	Ardrox 5503	Ardrox 5504	Test Method
Appearance	Clear, colorless, liquid			-
Density g/ml @ 15 °C (59 °F)	0.77	0.77	0.79	-
Flash point	38 °C (100 °F)	63 °C (145 °F)	99 °C (210 °F)	ASTM D56 ASTM D56 ISO 2719
Type as per MIL-PRF-680	Type I	Type II	Type III	-
Water solubility	Insoluble			-

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

### 3 Method of use

Ardrox<sup>®</sup> 5502, 5503 and 5504 may be used by any of the conventional methods such as spraying, dipping or brushing. Soak tanks should be constructed with a lid in order to minimize solvent losses by evaporation.

### 4 Effects on materials

When used in the prescribed manner Ardrox<sup>®</sup> 5502, 5503 or 5504 have no corrosive effect on most of metals, including copper, magnesium, aluminum, cadmium and mild steel. However, contamination with water or steam may result in corrosion and must therefore be prevented.

No significant effect is likely to be encountered on the most commonly used plastic materials but intending users are advised to check the compatibility of their materials with Ardrox<sup>®</sup> 5502, 5503 or 5504 before use.

Ardrox<sup>®</sup> 5502, 5503 or 5504 may cause some rubbers, particularly those based on natural rubber, to swell after prolonged contact.

## **5 Shelf life, storage and disposal**

Please refer to the corresponding Material Safety Data Sheets for details on shelf life, storage and disposal.

## **6 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.

## **7 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.

**Headquarters and Regional Head Office  
Europe, Middle East, Africa, South America**  
Chemetall GmbH  
Trakehner Straße 3  
60487 Frankfurt am Main, Germany  
Tel: +49 (0) 69 7165-0

**Regional Head Office  
North America**  
Chemetall US, Inc.  
675 Central Avenue  
New Providence, NJ 07974, USA  
Tel: +1-908-464-6900

**Regional Head Office  
Asia-Pacific**  
Chemetall Asia Pte Ltd.  
12 Loyang Crescent  
Singapore 508980  
Tel: +65 6885 7900