



Technical Data Sheet

AXAREL™ 56 Solvent Cleaner

Product Description

AXAREL 56 Solvent Cleaner is a proprietary cleaning mixture composed of highly refined solvents and surfactants designed to clean difficult soils such as buffing compounds, heavy greases and high melt point soils. It is the ideal balance of solvency, high soil loading, high flash point and low toxicity.

Features and Benefits

- Water Rinsable
- High Soil Loading
- Zero Ozone Depletion
- Aerospace Approved
- Neutral pH
- Excellent Metals Compatibility

Properties

Odor	Mild
Flash Point	205 °F (96 °C)
Specific Gravity (25 °C)	0.84
Viscosity (25 °C)	2.9 cps
Vapor Pressure (20 °C)	0.1 mmHg

Soils Removed

- Buffing Compounds
- Corrosion Inhibitors
- Hydraulic Oils
- Metalworking Fluids
- Oils
- Waxes
- Greases

Equipment

Suitable for use in a variety of commercially available cleaning equipment including mechanically agitated immersion tanks, ultrasonic systems and spray applications.

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Process

Spray

Steps	Process Details
1. Wash the parts by spraying AXAREL 56.	AXAREL 56 may be used at a concentration of 5 to 25%. The solution may be heated to maximum temperature of 150°F (66°C), depending upon the soil to be removed.
2. Rinse the residual AXAREL 56 and dissolved soil from the parts.	AXAREL 56 rinses easily with heated, agitated water.
3. Dry the parts as necessary.	If drying assistance is required to remove the residual rinse water from the parts, use any appropriate method: ambient air, oven, forced air, centrifugal force, hand wipe, or other.

Immersion

Steps	Process Details
1. Wash the parts in a bath of AXAREL 56.	AXAREL 56 may be used at 100% concentration or diluted with down 5% concentration. The wash bath should be heated a maximum temperature of 150°F (66°C), depending upon the soil to be removed. Use mechanical agitation in the wash bath to speed the cleaning process.
2. Rinse the residual AXAREL 56 and dissolved soil from the parts.	AXAREL 56 rinses easily with heated, agitated water. Most systems incorporate two or three successive rinses.
3. Dry the parts as necessary.	If drying assistance is required to remove the residual rinse water from the parts, use any appropriate method: ambient air, oven, forced air, centrifugal force, hand wipe, or other.



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Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Low
Volatile Organic Compound (VOC)	760 g/L
Hazardous Air Pollutant (HAP)	No
National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not regulated
Superfund Amendments and Reauthorization Act (SARA)	Not regulated
Resource Conservation and Recovery Act (RCRA)	Not regulated

Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Approvals

Approvals

Boeing BAC 5200 Cleaning, Preserving & Re-lubricating Anti-friction Bearings, Method II A Pressure Spray Cleaning (PSD 6-3)

Boeing BAC 5763 Type II Emulsion Cleaning & Aqueous Degreasing (5-25% in Spray; 5-100% in immersion)

GE Aviation Master Cleaner List 3.6.5, GE Aviation SCWC Aqueous Immersion Cleaners and Water-Based Spray Cleaners (25%)

Hawker Pacific Aerospace, UK, Ltd. Diphasic Cleaning/Degreasing Chemical

Messier-Dowty PCS-2620 for use on all materials & coatings on Messier-Dowty parts (Memo LMP 09/031)

Testing

ASTM F519

Packaging

Available in pails and drums.

Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C).

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