

# Shrieve Product Information

## ZEROL<sup>®</sup> AB Series

Synthetic refrigeration lubricants



### Introduction

The ZEROL lubricant range is based on synthetic Alkylbenzene (AB) and has been developed for use in refrigeration, heat pumps and air conditioning compressors. The miscibility of ZEROL lubricants with hydrofluorocarbon type refrigerants is excellent. Their very low floc point, antifoaming properties and good stability at high temperature provides optimum lubrication even under the most severe conditions.

### Typical Properties

	Method	Units	ZEROL 150	ZEROL 250	ZEROL 350	ZEROL 500
Appearance at 20°C	-	-	Clear liquid			
Colour	ASTM D1500		<1	<1	<1	<1
Density at 15°C	ASTM D4052	g/cm <sup>3</sup>	0.870	0.870	0.869	0.870
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	30	46	68	100
Viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	4.3	5.0	6.0	7.9
Flash point (COC)	ASTM D92	°C	184	184	188	204
Pour point	ASTM D97	°C	-36	-33	-30	-27
Water content	ISO 12937	mg/kg	<100	<100	<100	<100
Floc point	DIN 51351	°C	-66	-55	-55	-50

*Typical properties given do not constitute a supply specification*

### Handling

Please refer to the corresponding material safety data sheet for handling and blending precautions and maximum recommended temperatures.

### Further information

For further information and regional availability of our complete ZEROL range of lubricants, including Health and Safety data, please contact us at any of the following international locations:

The Americas	Europe, Middle East & Africa	Asia Pacific
Shrieve Chemical Products Inc., 1755 Woodstead Court The Woodlands Texas 77380-1448 United States of America <b>Tel:</b> Toll free within US: (800) 367 4226 <b>Tel:</b> +1 281 367 4226 <b>Fax:</b> +1 281 367 0071	Shrieve Products International Ltd Suite 39, 40 Churchill Square Kings Hill West Malling Kent, ME19 4YU United Kingdom <b>Tel:</b> +44 1732 520600 <b>Fax:</b> +44 1732 520601	Shrieve Chemical (Shanghai) Ltd Room 3301 Junling Plaza 500 North Chengdu Road Shanghai 200003 Peoples Republic of China <b>Tel:</b> +86 21 63598215/6/7 <b>Fax:</b> +86 21 63524607

[www.shrieve.com](http://www.shrieve.com)

ZEROL<sup>®</sup> is a trade mark owned and used by the Shrieve Group of companies.

The information/data in this publication is presented in good faith and believed to be accurate. However, none of the Shrieve Group of companies makes any representations or warranties as to the completeness or accuracy thereof. In no event shall any of the Shrieve Group of companies be responsible for damages of any nature resulting from the use of or reliance upon the information/data contained herein or use of the products described herein.