

# BREOX B 15

## INTRODUCTION

The **BREOX B-Series** are a range of monol initiated propylene oxide homo-polymers manufactured to provide a viscosity range from 15 to 335 cSt @ 40°C.

These products find extensive application when manufacturing and formulating various water insoluble lubricants for example:

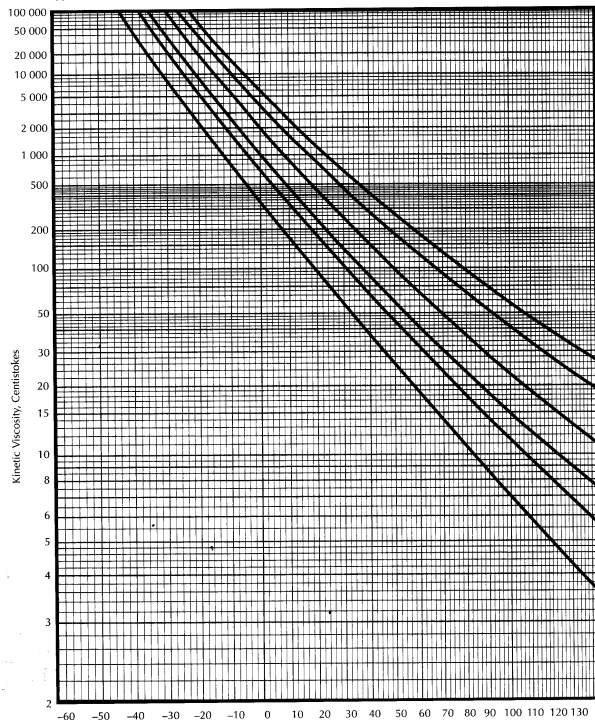
- Gear and Calender lubricants
- Compressor lubricants
- Metal working formulations
- Textile lubricants

In addition the **BREOX B-Series** from B75 upwards are FDA approved under 21 CFR 178.3570 (Incidental contact with food) and can therefore be used in instances where the potential for food contamination exists.

## TYPICAL PHYSICAL PROPERTIES

		B15
Viscosity	cSt @ 40°C	16
Viscosity	cSt @ 100°C	3.8
Viscosity Index	ASTM D 2270	151
Pour point, °C	ASTM D 97	-65
Refractive Index	N <sup>20</sup> D	1.45
Specific Gravity	20 / 20°C	0.97
Flash Point, °C	COC	160
Vapour Pressure	mm Hg 20°C	<0.001
Water Content	% by wt	<0.25
Specific Heat	kJ / kg K	1.95
Ash	ASTM D 482	<0.01
Surface Tension, 20°C	Dynes / cm	35 – 40

## VISCOSITY vs. TEMPERATURE BEHAVIOUR



### Remarks

**Handling & Safety:**

**Storage:**

### Revision-No.

3.2-08.2004 Effective August 17, 2004

The product can be stored for at least 2 years at ambient storage conditions and temperature without any deterioration.

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