

# BREOX 60W 460

## INTRODUCTION

**BREOX 60W** range of products have recently been introduced as a label-free polyalkylene glycol basefluids which are free of any inhalation toxicity hazards.

As such the **BREOX 60W** range provides an alternative to the higher molecular weight 50A series of products in instances where toxicology presents an issue. For the majority of application areas the performance of the **BREOX 60W** is equivalent to that of the established 50A range.

## APPLICATION

The **BREOX 60W** range is fully compatible with the 50A range and can be blended with intermediate viscosity products using label-free lower viscosity **BREOX 50A** grades. In this way complete ISO VG viscosity ranges can be manufactured.

## PRODUCT ATTRIBUTES

- Excellent resistance to weight loss under oxidising conditions, with minimal residue formation on oxidation.
- When fully formulated, excellent resistance to loss of viscosity under oxidising conditions and high shear.
- Very high Viscosity Index.
- Good water solubility at temperatures below 72°C.

## TYPICAL PHYSICAL PROPERTIES

	<b>60W460</b>
Viscosity @40°C (cSt)	455
Viscosity @100°C (cSt)	77
Viscosity index	251
Pourpoint (°C)	-40
Flash point, COC (°C)	260
1% Aq. Cloudpoint (°C)	>80
Density @ 20°C (kgm <sup>-3</sup> )	1.077

## Remarks

**Handling & Safety:**

**Storage:**

**Revision-No.**

1.2-08.2004 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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