

Blown Oils 600 / 750 / 1150

Description

Blown Oils 600/750/1150 are cold-pressed rapeseed oil based lubricants manufactured by the process of controlled polymerization (raising air to the relevant temperature). These lubricants provide a greater viscosity whilst retaining positive qualities of vegetable oils and reducing the environmental footprint. The upper limit of the Viscosity Index that can be produced is at around 2000 $\text{mm}^2 \cdot \text{s}^{-1}$ at 40°C.

Areas of Application

Blown Oils 600/750/1150 are designed for use as natural viscosity modifiers, where a high level of mixability with other types of oil is required, and also for a production of cutting oils, paint and lacquers, linseed oil, detergents, soaps, PE additives etc.

Characteristic features

- Improved lubrication performance;
- Excellently biodegradable;
- Exceptional stability of thermal oxidation;
- Various range of viscosities;
- Excellent cold-exposure properties

TYPICAL CHARACTERISTICS

PARAMETER	UNIT	TEST METHOD	BRSO 600	BRSO750	BRSO 1150
Density at 15 °C	kg/m ³	ISO 12185	950	960	975
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	600	750	1150
Pour point	°C	ASTM D97	-40	-40	-40
Flash point, COC	°C	ASTM D92	>250	>250	>250
Biodegradability (within 21days)	%	CEC-L-33-A-93	>99	>99	>99

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