BLOWN OIL 1150

Description

Manufacture of **blown oils** is carried out by controlled polymerization (raising air to the relevant temperature), thanks to which it leads to the controlled raising of viscosity whilst keeping all the positive qualities of vegetable oils. The upper limit of viscosity value is at around 2000 mm^2/s at 40°C (set above all by the manipulability of a given oil). This is mainly a matter of excellent lubricating characteristics together with perfect biological decomposability (more than 60% in 28 days according to OECD 301D).

Areas of Application

Blown oils and plastic lubricants with higher viscosity are most often used as natural viscosity modifiers (very well mixable with other types of oil) and also for production of cutting oils, emulsions (raise lubrication), paints and lacquers, linseed oils, detergents, soaps, PE additives etc.

Characteristic features:

- Great lubrication performances
- Rapidly biodegradable
- Good thermo-oxidation stability
- Various range of viscosities
- Excellent cold-exposure properties

Typical characteristics

PARAMETER	UNIT	TEST METHOD	BRSO 1150
Density at 20 °C	kg/m^3	ISO 12185	955 – 995
Kinematic Viscosity at 40°C (ISO VG)	mm^2/s	ISO 3104	1035 – 1265
Pour point	°C	ISO 3016	< -15
Flash point, COC	°C	ISO 2592	> 220
Water content	ppm	ISO 760	< 3000
Acid Number	mg KOH/g	65 6070	< 12
Biodegrability (within 28 days)	%	OECD 301D	> 60

Note

All information is provided to the best of our knowledge and represents general, non-binding guide values. Technical data are average values and are subject to the usual production fluctuations. In case of doubt, please contact our Technical Service. For information concerning safety, the environment and the handling of the product, please refer to our EU safety data sheet. Our products are subject to continuous development. We therefore reserve the right to change the products and their manufacturing processes as well as all information contained in this document at any time and without prior notice.

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