



TECHNICAL DATA

GB UNIBIO® CHAINSAW OIL RANGE

Premium biodegradable chainsaw chain oils formulated on vegetable oils

APPLICATIONS

There is an increasing awareness of the environmental impact of the large volume of lubricants entering the environment and, consequently, mineral-based lubricants in environmentally sensitive areas are being gradually replaced by biodegradable fluids.

To protect the environment, the use of environmentally considerate lubricants is of increasing importance, where either the risk of spillage is high or total loss lubrication applies. However, the technical performance of such lubricants must have equal priority.

The GB UNIBIO® CHAINSAW OIL RANGE are specially developed dedicated chain oils with adhesive properties, designed to protect and lubricate the chains and bars of chainsaws.

PERFORMANCE FEATURES

The GB UNIBIO® CHAINSAW OIL RANGE has been formulated to meet the technical and environmental requirements of today's chainsaws and offers the following features:

- Full biodegradability according to all major standards
- A product which is free of genetically modified ingredients
- Good anti-wear performance
- Good corrosion protection
- Good anti-fling protection
- Extended working life of equipment
- Suitability for use on heavy-duty forestry harvesting equipment

COMPATIBILITY

Ideally, the GB UNIBIO® CHAINSAW OIL RANGE should not be contaminated with other oils. Whilst contamination with other oils may not affect the equipment, it is likely to reduce the biodegradability and non-toxicity of the oil and should therefore be avoided.

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GB LUBRICANTS

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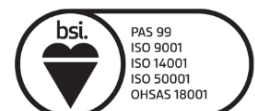
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GB UNIBIO® CHAINSAW OIL RANGE

CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS	
ISO			80	100
Appearance	-	-	Pale amber liquid	Pale amber liquid
Density @15°C	kg/m ³	ASTM D4052	923	923
Kinematic Viscosity @ 40°C	cSt	ASTM D445	76.7	97.8
Kinematic Viscosity @ 100°C	cSt	ASTM D445	16.5	20.9
Viscosity Index	-	ASTM D2270	232	241
Biodegradability	%	OECD 301 B	>74	>74
Biodegradability	%	CEC L-33-A-93	92	92
Flash Point PMCC	°C	ASTM D93	240	248
Pour Point	°C	ASTM D97	-30	-33

STORAGE AND HANDLING

The GB UNIBIO® CHAINSAW OIL RANGE should be stored under cover and protected from extreme temperatures. Avoid water collecting in the rim of upturned barrels.

Further information on the GB UNIBIO® CHAINSAW OIL RANGE can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.

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