



BOSS/09-1

## BioSafe BOSS

BioSafe BOSS is an environmentally acceptable oil, used in sawmills for cooling, cleaning and lubricating purposes of saws. The product is produced from vegetable-based synthetic esters, is biodegradable and does not harm the environment. It does not either contribute to any environmental problems to the sawdust, when using it as a raw material for other purposes.

BioSafe BOSS is a more fireproof and user-friendly alternative to diesel, or other petroleum-based products.

BioSafe BOSS has excellent lubricity and has been tested against different elastomers and paints used by the leading manufacturers of sawmill and moulding equipment. It has not an irritating odour

and does not contain carcinogenic or other compounds bad to health.

BioSafe BOSS is cost effective and will give up to 75% less oil consumption compared to diesel.

BioSafe BOSS and its naturally polarity makes the product stick better to metal surfaces than other non polar products.

This means lower friction and better lubricating and cooling behaviour that increases the cutting life and grinding intervals for saw-bands. The product protects from corrosion and will not form together with sawdust any deposits that interfere with the function of the saws.

### Physical and Chemical Data (typical)

Analysis	Method	Unit	BOSS
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	11
Pour Point	ISO 3016, ASTM D 97	°C	-8
Density at 20°C	ISO 3675	kg/m <sup>3</sup>	890
Flash Point	ASTM D 93	°C	>150

### Health and Safety Data

Analysis	Method	Unit	BOSS
Biodegradability	OECD 301 F	(%)	Readily biodeg. >80
Toxicity	OECD 201-203, 401		Non toxic
Bioaccumulation	OECD 305 D		No acc.
Biological renewability		%	>90

Product code		112031
Packaging	1000-l IBC (02)	X
	200-l drum (03)	X

**Storage:** In sealed containers. If the product is stored under cold conditions, it must be warmed three days before use.

A company in the AAK Group