

# Naturally.



# PRODUCT DATA SHEET

## Binol Saw 700

### Description

**Binol Saw 700** is an environmentally acceptable chain saw oil, based on renewable raw materials – vegetable oils. The product is readily biodegradable in soil and water, non-toxic for human or the environment and not irritating to skin.

**Binol Saw 700** recommends as an all-year-around lubricant for chains and bars in chainsaws and harvesters.

**Binol Saw 700** has an extremely high viscosity index, which means that the viscosity varies less with temperature changes and therefore provides very good pumpability at low temperatures. The product has a very good storage stability and provides minimal amounts of sticky residues when splashed on to the machine surfaces. It exhibits very good anti-corrosive properties, both in normal and salt water.

**Binol Saw 700** has a so-called naturally positive polarity, which means that the oil would attach to the negative polarity of the chain and bar. This results in a build-up of a lubricating film on the metal.

Due to superior lubricating performance, the oil consumption can be reduced without any risk for increasing wear, if compared to mineral oils.

### Handling and Storage

Handling and storage temperatures -20 to +40°C. Store in closed container, protected from rain, preferably in the original package.

### Typical Technical Data

Analysis	Method	Unit	Results
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	App 49
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	App 11
Viscosity at -20°C	ISO 3104	mm <sup>2</sup> /s	App 900
Viscosity Index	ASTM D 2270		230
Density at 20°C	ISO 3675	kg/m <sup>3</sup>	App 920
Color	Optical		Dark Yellow/Brown
Smell	Nasal		Mild
Pour Point	ISO 3016	°C	App -36
Flash Point	ASTM D 93	°C	> 290

### Environmental Properties

Biodegradability*	Renewability	Toxicity	Durability	Function	Working-envir.

\* Readily biodegradable according to OECD 301 B.