

# ALPINE® Sägeketttenöl BIO

## Adhesive special oil for saw chains

### Properties

**ALPINE Sägeketttenöl BIO** is an environmentally friendly mineral oil-free and quickly biodegradable contact oil based on selected vegetable oils. Special additives prevent gumming and sticking, even during longer interruptions of operation. It is 100% biodegradable when used properly. It also has the following properties:

- Good wear and corrosion protection
- Good ageing resistance
- Good lubricating properties
- Very good lubricant film stability
- High adhesion prevents dripping or spinning

### Application notes

**ALPINE Sägeketttenöl BIO** is used to lubricate the saw chains of all types of chain saws, even at low temperatures down to -20°C. **ALPINE Sägeketttenöl BIO** is also suitable for low-loaded lubrication points where a contact oil is required.

**Observe manufacturer's instructions!**

### Service description

#### Specifications:

- **ALPINE Sägeketttenöl BIO** meets the requirements of usability (KWF) and the conditions of the German Environment Agency (Umweltbundesamt) and is entitled to bear the environmental label „Blauer Engel“ („Blue Angel“) according to RAL-UZ 178.



TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Sägeketttenöl BIO
Density at 15°C	DIN EN ISO 12185	kg/m <sup>3</sup>	920
Viscosity at 40°C	DIN EN ISO 3104	mm <sup>2</sup> /s	52
Viscosity at 100°C	DIN EN ISO 3104	mm <sup>2</sup> /s	11.6
Viscosity index (VI)	DIN ISO 2909	-	225
Pour point	ASTM D97	°C	-27
Flash point COC	DIN ISO 2592	°C	> 300

\* meets the requirements of the OEM manufacturer.  
The stated values may vary within the usual commercial range.