



BIODEGRADABLE CHAIN OILS

ADDINOL BIO CHAIN SAW ADHESIVE OIL 68, 220

PRODUCT DESCRIPTION

ADDINOL BIO CHAIN SAW ADHESIVE OILS 68 and 220 are environmentally friendly, rapidly biodegradable chain saw oils based on rapeseed oil. They offer very good lubricating and cooling properties as well as reliable corrosion and wear protection due to their carefully selected additives.

APPLICATION

- Excellent suitability for the lubrication of chains, guide bars and pinions of power saws
- Especially recommended for harvester
- All-season use
- ADDINOL Bio Chain Saw Adhesive Oil 68 and 220 is miscible with mineral oil based products. Mixing when changing to ADDINOL Bio Chain Saw Adhesive Oil should be avoided.

SPECIFICATIONS

Biodegradability according to:

- CEC-L-33-A-93 (> 98 %)
- OECD 301 D (≥ 83% nach 28 d)

DELIVERY

Delivery possible in standard large and small containers.

CHARACTERISTICS

- Quickly biodegradable
- High stability at high and low temperatures
- Excellent additive combination with high adhesive strength
- Very good corrosion and wear protection
- High oxidation stability

ADVANTAGES AND BENEFITS

- Applicable in ecological sensitive areas
- Wide temperature range
- Safe operation
- Lifetime of cutting set is extended
- Prevents formation of residues on chain, guide bars etc.





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		BIO CHAIN SAW ADHESIVE OIL 68	BIO CHAIN SAW ADHESIVE OIL 220	Method acc. to
Density	at 15°C	kg / m ³	930	953	DIN 51757
Viscosity	at 40°C	mm ² /s	68	219	ASTM D 7042
	at 100°C	mm ² /s	> 13	29	
Viscosity index			~193	174	DIN ISO 2909
Flash point	COC	°C	> 260	291	DIN EN ISO 2592
Pour point		°C	≤-25	-36	ASTM D 7346
Brugger value		N/mm ²	29	50	DIN 51347

The above data may vary slightly depending on the origin of the plant oils.
However, these do not have any significant influence on the usability of the products.

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.