



KETTLITZ-Medialub 2000

- technical leaflet -

The chain saw oil KETTLITZ-Medialub 2000, based on vegetable oils, is free of synthetic and mineral oils.

Special additives provide a long-term protection from resinification, optimize the viscosity and improve adhesive and lubrication properties. The effect is a low wear of chain and chain wheel. Due to the additives, the product can also be used under extreme winter conditions (cold test for 72 h at -18 °C was fulfilled).

The KWF (The Board of Trustees for Forestry Work and Technology) confirmed very good lubricating properties by an extended test. The use of this oil under professional conditions in forestry work both in chainsaws and harvesters was rated "well satisfied". Medialub 2000 is regarded as recognized chain oil and bears the test mark "KWF-test bio chain oil".

Medialub 2000 is produced on the basis of rape-oil. It is not soluble in water, so when normally used or e.g. leakage occurs, the product mainly stays in the upper ground layers and therefore does not reach the ground water.

Besides, Medialub 2000 meets the criteria of the German certification for environmentally beneficial products, the "Blue Angel" (RAL-UZ 178), the Austrian ecolabel (Guideline UZ 14, License UW 1226) and in addition it fulfils the criteria for the "EU Ecolabel" (Reg. no: DE/027/179). For both eco-labels the proportion of renewable raw materials was determined by the DIN method CEN / TS 16137 (DIN SPEC 91236). The value is about 95%.

Medialub 2000 is also implemented in the data base of the German FNR (Fachagentur Nachwachsende Rohstoffe e. V., see https://datenbank.fnr.de/produkte/bioschmierstoffe/?_mstto=en)

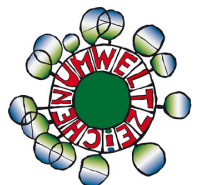
Medialub 2000 cannot be mixed with synthetic or mineral oil. The mixing may result in technical defects and/or processing could be considerably more difficult.

Properties

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| Chemical Characteristics | chain oil based on vegetable oils, containing additives |
| Appearance | transparent, greenish liquid |
| Viscosity at 40 °C (mm ² /s) | 100 ± 10 % |
| Flash Point (°C) | > 230 |
| Storage at low temperature (72 h/-18 °C) | liquid |
| Physiol. Behavior | see safety data sheet |
| Storage Stability | 4 years under suitable storage conditions |
| Packing | 1 liter, 5 liter and 20 liter plastic cans, 60 liter and 200 liter drums, 1 000 liter containers, road tankers for orders ≥ 5 000 kg |

Information for consumer

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| acc. RAL-UZ 178 (July 2014) | Store out of reach of children Do not allow unused quantities of the product to reach the sewerage system, watercourses or soil Product residue is to be disposed of in municipal collection points for harmful substances Only return empty containers for recycling |
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www.blauer-engel.de/uz178