



KETTLITZ-Medialub 2150

- technical leaflet -

The chain saw oil KETTLITZ-Medialub 2150, 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 (German Center for Forest Work and Technology) verified the usability according to RAL UZ 178 in November 2014. Furthermore, after proofing the lubrication properties of Medialub 2150 according to ISO/TS 19858:2014, it was confirmed that Medialub 2150 causes a "very small chain elongation". In addition, it shows also "good performance characteristics" in field trials.

Due to its properties, Medialub 2150 can be used for high and very high load all the year, e.g. on fast running chains of harvester aggregates.

Medialub 2150 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 2150 meets the criteria of the German certification for environmentally beneficial products, the "Blue Angel". For the eco-label "Blue Angel" according to RAL-UZ 178 the proportion of renewable raw materials was determined by the DIN method CEN / TS 16137 (DIN SPEC 91236). The value is about 95%.

Medialub 2150 is also implemented in the data base of the FNR

(see https://datenbank.fnr.de/produkte/bioschmierstoffe/?_mstto=en).

Medialub 2150 cannot be mixed with synthetic or mineral oil. The mixing may result in technical defects and/or processing could be considerably more difficult.

Properties

Chemical Characteristics	chain oil based on vegetable oils, containing additives
Appearance	transparent, greenish liquid
Density at 15 °C (g/cm ³)	0.922 ± 0,010
Refraction index n _D ²⁰	1.470 ± 0,005
Viscosity at 40 °C (mm ² /s)	150 ± 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

acc. RAL-UZ 178



www.blauer-engel.de/uz178

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