



KETTLITZ-Medialub EX

- technical leaflet -

Medialub EX is a chainsaw lubricant based on mineral oils for the all-year use. Due to the high quality of the mineral oils, it is free of polycyclic and therefore free of hazardous to health aromatics.

Medialub EX was developed with outstanding properties regarding wear protection, shear stability, ageing resistance, and cold resistance (setting point $< -40\text{ °C}$; cold test for 72 h at -18 °C was fulfilled). Due to the optimized wetting and therefore improved adhesion of the oil the break off of the oil film is prevented.

At the same time all ingredients of Medialub EX have a very low volatility and are particularly stable against high temperature. That enables to saw also under extreme conditions, e.g. high chain speed, long chainswords or hardwood cutting.

A further developed additive package does not only reduce the wear on the chain, chain sprocket and rail, but also obtains the engine performance as good as possible.

Medialub EX cannot be mixed with vegetable or watermixable oils. The mixing may result in technical defects and/or processing could be considerable more difficult.

Properties

Chemical Characteristics		chain oil based on mineral oils, containing additives
Appearance		yellow liquid
Colour	(ASTM D 1500)	max. 4
Density at 15 °C	(g/cm ³)	0.910 ± 0.020
Refractive Index n_D^{20}		1.490 ± 0.020
Viscosity at 40 °C	(mm ² /s)	95 ± 10 %
Flash Point	(°C)	> 200
Setting point	DIN ISO 3016	approx. -45 °C
Storage at low temperature	(24 h/-18 °C)	liquid
Physiol. Behavior		see safety data sheet
Storage Stability		7 years under suitable storage conditions
Packing		1 litre bottles, 5 litre and 20 litre plastic cans, 60 and 200 litre drums, 1 000 litre containers, road tankers for orders $\geq 5\ 000\text{ kg}$