KETTLITZ-Medialub 5460 CLP

- technical leaflet -

KETTLITZ-Medialub 5460 CLP, based on vegetable oils, is free of synthetic and mineral oils and highly biodegradable. Medialub 5460 CLP is implemented in the data base of FNR (see https://datenbank.fnr.de/produkte/bioschmierstoffe/?__mstto=en).

Special additives provide a long-term protection from resinification of the vegetable oil used. The vegetable oil itself has already good lubricating effect which is optimized by addition of special additives. Abrasion, wear and corrosion of rotating metal parts are almost eliminated.
Good properties at low temperatures enable this bio-oil to work even under extreme winter conditions.

Medialub 5460 CLP can be used as a gate saw oil for the lubrication of transport chains, bearings, bolts, joints and sliding guides. If the viscosity is not prescribed by the machine manufacturer, this depends on the type of individual lubrication spots.
The high biodegradation rate enables this oil to be used in protected natural areas, and especially in application with steady loss of lubricant.

Medialub 5460 CLP cannot be mixed with synthetic or mineral oil, i. e. before using them lubrication equipment (dosing station, storage containers, dispenser equipment, etc.) has to be emptied and cleaned thoroughly.

Properties

Chemical Characteristics		vegetable oils and dissolved polymers, containing additives
Appearance		greenish liquid
Viscosity at 20 °C	(mm²/s)	not specified *
Viscosity at 40 °C	(mm²/s)	460 ± 10 %
Viscosity at 100 °C	(mm²/s)	not specified*
Viscosity Index	(VI_E)	not specified *
Flash Point	(°C)	> 230
Storage at low temperature	(72 h/-18 °C)	Passed
FZG-Test	(damage load stage 12)	Passed
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

* The viscosity data at 20 and 100 °C as well as the VI_E are estimated values which are not relevant for specification.