



Grease Bio HT 2

Biodegradable grease based on a lithium soap and vegetable esters

Description

Formulated with an environmentally friendly additive package to obtain an excellent balance between environmental requirements and lubricating anti corrosive capacity.

Shows outstanding lubricating capacity, together with the necessary anti wear and EP properties, product can be used whenever a high performance lubricant in operating temperatures conditions from - 25 °C up to 120 °C is required.

Thanks to the biodegradable properties Grease Bio HT 2 will perform better and more efficient in further water treatment.

Applications

Grease Bio HT-2 should be used whenever the lubricant is an important contaminant to the environment and

whenever it is possible that uncontrolled lubricant losses pass to the soil or water.

Grease Bio HT 2 is suitable for use in:

- Forest machinery
- Public works machinery
- Agricultural machinery
- Water cooled bearings
- Water installation valves
- Hydrocarbons pipes valves
- Nautical mechanisms
- Water treatment plants
- Water pumping installations
- Air conveyor chains
- General lubrication purposes
- Mechanisms in heavy transport vehicles, lubrication of car bodies



Typical performance data

Thickener, soap type		Lithium soap
Base oil		Natural ester
Worked penetration @ 60W, x 0.1 mm	ASTM D217	265-295
Dropping point, °C	ASTM D566	180
Colour		Brown
NLGI consistency class	DIN 51818	2
Flow pressure @ -25 °C, mbar	DIN 51805	Max 850
4-balls wear test	IP 239	
• Welding load, kg		280
• Wear scar diameter 1/80 kg, mm		0,66
• Wear scar diameter 1 hr/40 kg, mm		0,60
EMCOR corrosion test	DIN 51802	0
Copper corrosion, 24 hr/100 °C	ASTM D4048	1b
Water washout, 80 °C, %	ASTM D1264	2,50
Oxidation stability 100 °C	ASTM D942	0,70
Evaporation loss, 22 hrs/100 °C	ASTM D972	0,70%
Resistance to hydrocarbons	DIN 5180 mod.	Resists
Biodegradability test, %, min	CEC-L-33-A-94	90
Service temperature, °C		-25 – 120

All performance data on this Technical Data Sheet are indicative only and can vary during production
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