

PRODUCT INFORMATION



Lubricants – Greases

Version: EEE/117

Valvoline™ Bio Lical 1

Biodegradable lubricating grease is specially formulated for applications where high degree protection of the environmental is essential: forestry equipment, agricultural machinery, harbour cranes etc.

Valvoline Bio Lical 1 is a lithium-calcium lubricating grease developed with natural esters and special additives that are recommended to formulate lubricants for environmentally sensitive areas. The characteristic feature of the lubricating grease of this group is its readily biodegradability.

Performance levels

ISO L-6743-9:	L-XCBHB 1
DIN 51 502:	KP1G-25

Applications

Valvoline Bio Lical 1 lubricating grease is used for the lubrication of sliding and roller bearings in moderate loads and speeds primarily used in agricultural machinery, forestry equipment and other heavy equipment working in eco-sensitive conditions.

Features & Benefits

Excellent protection

Valvoline Bio Lical 1 provides excellent adhesion of the lubricant to the metal surface. Good rheological properties at a wider temperature range and good mechanical and colloidal stability. Excellent anticorrosion properties. Excellent resistance to water washout.

Environment friendly

Readily biodegradable lubricating grease. Participates in protection of the environment and sustainable development => Eco-citizen approach.

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Bio Lical 1	
NLGI grade	1
Soap type	Lithium-calcium
Colour	Yellow-brown
Texture	Smooth
Density @ 20°C	0.90
Application temperature °C	-25 to + 110
Dropping Point, °C ISO 2176	150
Oil Viscosity, mm ² /s @ 40°C, ISO 3104	35
4-Ball Weld Load, N	2500
Biodegradability, 28 days OECD 301 D	>60
Copper corrosion, degree ASTM D 4048	1

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <https://sds.valvoline.com/>

Protect the environment

Take used oil and grease to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover, protected from direct influence of sun and moisture, away from the ignition source. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Recommended storage temperature: - 5°C to +25°C.

Replaces –