Lubricants – Greases

Version: **619/01**

Valvoline™ Multipurpose LICAL 2/3

High performance universal lithium and calcium grease with extreme pressure properties and excellent water resistance. Suitable for lubrication of machinery working in damp conditions.

Valvoline Multipurpose LICAL 2/3 is a Lithium and Calcium lubricating grease formulated with mineral base oil to ensure good performance in marine and earth moving equipment working in damp or even wet circumstances. The product protects against rust and corrosion.

Performance levels	
DIN 51502:	KP2K-20

Applications

Suitable for marine equipment like:
deck machine, winches, gearboxes.

Suitable for earth moving equipment like:
bulldozers and draglines, caterpillar-sprockets, open gears, sliding surfaces, chains & cables etc., especially when working in wet conditions.

Agricultural and forestry machinery working in damp or watery conditions.

Industrial applications in papermills in a damp atmosphere.

Features & Benefits

Excellent protection
The excellent water resistance properties help to protect against frequent contact with water. Valvoline Multipurpose LICAL 2/3 grease seals the surface and protects against corrosion and oxidation even when the equipment is subjected to heavy loads.

Excellent performance
The water resistance properties give the grease extra durability and stability when exposed to water, staying in place in wet circumstances.

Multipurpose applications
Valvoline Multipurpose LICAL 2/3 was developed for universal lubrication of several mechanical equipment working in frequent contact with water.

Severe working conditions
The product can even be used in unfavorable working conditions like canal building or swamp lumbering or on-surface mining as well as damp conditions in paper mills.

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PRODUCT INFORMATION

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.

Multipurpose LICAL 2/3	
NLGI grade	2/3
Soap type	Calcium/lithium
Colour	Dark Brown
Texture	Adhesive
Density @ 20°C	0,950
Application temperature ºC	-20 to + 130
Dropping Point, ºC	188
Oil Viscosity, mm^2/s @ 40ºC	240
Oil Viscosity, mm^2/s @100ºC	18,5
4-Ball Weld Load, kg	260
Water wash out @ 80°C	2.5%
Copper Corrosion	1b

This information only applies to products manufactured in the following location(s): Europe

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 **http://msds.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. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces –

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