

Lubricants – Greases

Version: **EEE/110**

Valvoline™ Industry Calsul ST 1.5

High performance heavy duty industrial and semi-synthetic calcium sulfonate complex lubricating grease. Specially developed with synthetic technology (ST) to offer exceptional performance in heavy loaded equipment used in steel, mining, quarry, construction, paper and forestry applications.

Valvoline Industry Calsul ST 1.5 is a high quality semi-fluid lubricating grease based on calcium sulfonate complex thickener and developed with semi-synthetic base oil technology. Its semi-solid structure makes this grease especially suitable for central lubrication systems in difficult exploitation conditions.

Performance levels

ISO L-6743-9:	L-XCFIB 2/1
DIN 51502:	KP 2/1P-30

Applications

Suitable for the lubrication of roller and sliding bearings and lubricating assembly blocks operating in non-standard conditions, where there are increased impact and uneven loads, significant influence of water, weak alkali solutions.

Suitable for lubrication in the electrical industry to improve the isolation of the clamps.

Recommended for the lubrication of roller bearings in presses for the processing of biomass into biofuel - pellets.

Suitable for high loaded bearings under the influence of high temperatures, steam and dust.

Lubrication of rolling mill stands in the equipment of hot and cold rolling mills. It is suitable for forestry applications on woodworking presses.

Features & Benefits

Outstanding protection

Valvoline Industry Calsul ST 1.5 protects against rust and corrosion and carries beneficial oxidation stability properties. The grease has excellent mechanical stability at high operating temperatures and is resistant to oscillations and vibrations. Good resistance to the impact of water and superior protection against water wash out.

Exceptional performance

The product lubricates and protects under the most severe circumstances. It provides excellent lubricating properties at high impact loads.

Excellent pumpability

NLGI 1.5 semi-fluid consistency in combination with semi-synthetic technology provide this grease with excellent pumpability characteristics required in automatic central lubrication systems. This grease maintains a uniform lubricating film.

Severe working conditions

Valvoline Industry Calsul ST 1.5 can even be used in unfavorable conditions such as high and impact loads, vibrations, elevated operating temperatures and moisture influence.

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.

Valvoline Industry Calsul ST 1.5	
NLGI grade	2/1
Soap type	Calcium-sulfonate complex
Colour	light brown -brown
Texture	Smooth
Density @ 20°C	0.90
Application temperature °C	-30 to + 180
Dropping Point, °C ASTM D 2265	>270
Oil Viscosity, mm ² /s @ 40°C, ISO 3104	270
4-Ball Weld Load, N ASTM D 2596	8000
Average wear diameter, mm, ASTM D 2266	0,5
EMCOR test,168h, rating,DIN 51802	
Dist. water	0/0
Salty water (3% m/m NaCl)	0/0

This information only applies to products manufactured by:

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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 –