

Syngrease CS HV

SPECIAL LUBRICANT GREASE WITH CALCIUM SULPHONATE

Description

Syngrease CS HV is a lubricant grease formulated with highly refined hydrocarbon bases, designed for the lubrication of mechanical components operating in severe working conditions and in the presence of water.

Syngrease CS HV is formulated with complex calcium sulfonate thickener and carefully selected base oils and additives, which give the product excellent EP properties and resistance to loads and bumps, high thermal stability and resistance to oxidation and excellent water resistance, to reduce rust and corrosion.

Syngrease CS HV composition guarantees long life in service delivering significant maintenance costs reduction.

Features

- ✓ **High oxidation resistance and thermal stability**, to ensure long life in service, to prevent deposits formation and to secure long life to the product, reducing its consumption.
- ✓ **Excellent EP properties and loads resistance** to guarantee high performances even in presence of high pressures.
- ✓ **Excellent water resistance**, to protect mechanical parts operating in environments with a strong presence of water and humidity.
- ✓ **High drop point**, which allow the grease to operate at high temperatures.
- ✓ **Good adhesivity**, to guarantee proper lubrication even in presence of stress and vibrations.

Main Uses

Syngrease CS HV is designed for the lubrication of mechanical parts of :

- Paper Industries
- Ceramic Industries
- Steel Industries
- Glass Industries
- MV Electromotors

Classifications

ISO 6743-9

L-XBFIB 2

DIN 51825 / 51502

KP 2 R-20

The data in this TDS are based on our general knowledge and experience. Aluchem is not responsible for their use.
The final user is free to make his own tests and analysis. Aluchem reserves the right to update this document every time is needed.

Technical Data

	Method	Units	Typical Value
NLGI Consistency	ASTM D 217	-	2
Colour	-	-	Light Brown
Appearance	-	-	Homogeneous and adhesive
Thickener Nature	-	-	Complex calcium sulfonate
Base oil viscosity at 40°C	ASTM D 445	mm ² /s	460
Pour Point	ASTM D 566	°C	> 260
Washout Resistance	ASTM D 1264	%wt	< 3
4 Ball Wear Diameter	ASTM D 2266	mm	0,40
4 Ball Welding Load	ASTM D 2596	Kg	500

- **Syngrease CS HV** indicative thermal range of use : from -25 up to 180 °C.
- **Syngrease CS HV** is fully compatible and mixable with other greases formulated with the same thickener (Calcium Sulfonate) and/or synthetic oils except polyalkylene glycols (PAG). Furthermore, given the compatibility amongst base oils, in case of different thickeners, it is possible to replace the grease by adopting proper precautions.
- **Syngrease CS HV** is compatible with seals and paints, generally present in the components to be lubricated.
- Store the product in its closed original container in a protected area and not exposed to sunlight and rain.
- **Aluchem** owns the following certifications: UNI EN ISO 9001:2015, KOSHER, HALAL.

Product Tiering: Premium

Syngrease CS HV Rev. 2021/02 – Sept. 2021

The data in this TDS are based on our general knowledge and experience. Aluchem is not responsible for their use.
The final user is free to make his own tests and analysis. Aluchem reserves the right to update this document every time is needed.

Aluchem S.p.A.
Via Abbiategrasso 7/A - 20046 Cisliano (MI) Italy
Tel. +39 0290119979 - Fax +39 0290119978
www.aluchem.it - info@aluchem.it

