

MOLYDUVAL

Casone CSM 2



Special Heavy Duty Grease

A specially formulated high performance grease based on a Calcium Sulphonate thickener and high quality base oils.

Due to the fact that the Calcium Sulphonate thickener acts as a lubricant as well as a thickener special characteristics are possible.

Specially recommended for heavy duty steel plant and engineering applications where resistance to high temperatures, loads, humidity and water is critical. Due to its reversible property, it is particularly beneficial in application where temperature tends to shoot-up intermittently for short duration.

Typical applications include continuous casters, couplings and run-out rolls in steel plants, wheel bearings and CV joints in automobiles, rock crushers and conveyors in mining and bearings and spindles in pulp and paper mills.

Properties

- * good anticorrosive properties
- * reduces risk of tribo corrosion
- * outstanding thermal stability
- * excellent wear protection
- * low wear, long tool life
- * very good water resistance
- * very good useful in humid surroundings

Applications

- * for bearings in high temperature sectors, ventilators, ovens, motors
- * for anti-friction bearings in paper production and textile industry
- * for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- * for high loaded sleeve - and anti-friction bearings especially at extreme pressures, oscillating moves
- * for sleeve and anti-friction bearings, which cannot be well relubricated

Technical Datas

Color		beige
Consistency Class NLGI	0,1 mm	2
Name		KP2R-25
Thickener		CaSK
Name		ISO-L-XBDIB2
Density 15°C	kg/m ³	1090
Viscosity Base Fluid, 40°C	mm ² /s	220
Water Resistance static	Grade	1-90
Temperature Range	°C	-25 -> +150
Temperature Range shortly up to	°C	180
Temperature Range in short-term relubrication	°C	300
Wear Protection Timken EP test	lbs	50
Dropping Point	°C	300
Corrosion Protection Copper 24h 100°C	Note	1a
Corrosion Protection Emcor, WWO, distilled water	Grade	0

For further information, please see our website www.molyduval.com or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence.

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Corrosion Protection Emcor, WWO, Salt Water	Grade	1-2
Wear Protection VKA wear scar	mm	0,6
Wear Protection VKA welding load	N	7500
Flow pressure -25°C	hPa (mbar)	< 1400

The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.

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