CALSEA 50 M 2

A complex calcium sulfonate type lubricating grease.

PERFORMANCE

DIN 51502: KP2N-20
ISO 6743 / 12924: L-XC(F)DIB2

Drop point: > 280°C
EP Welding: = 6500 N
Uses: -20°C to +140°C (max. +180°C)

ADVANTAGES

Presence of water
Lubricating power maintained even in the presence of large quantities of water. Exceptional adhesiveness on metal in wet environments.
Mechanical stability
Good mechanical strength even in the presence of water
EP
Excellent EP properties and ability to withstand high loads (inherent in type of soap).
High base oil viscosity
For use at low speeds and high loads

USES

Port and nautical equipment / Marine machinery / Agricultural machinery / Construction
Plain bearing blocks under high loads and for extended uses at high temperatures, exposed to water splashes and spray.
Machinery under high stress

Industry / Mining extraction and Steel works
Plain bearing blocks and gears, dynamic chains in paper mills and iron & steel production.
High-pressure valves, glands.

Fiche technique

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Characteristics	Standards	Units	Values
Colour	-	-	Chestnut brown
Texture	-	-	Smooth
Density	IP530	kg/m3	1000
Nature of base oil	-	-	Mineral
Base oil viscosity at 40°C	ASTM D 7152	mm²/s	450
Base oil viscosity at 100°C	ASTM D 7152	mm²/s	31
NLGI grade	-	-	2
60-stroke penetration	ISO 2137	1/10 mm	265/295
Drop point	IP396	°C	> 280
4-ball weld	DIN 51350:4	N	6500
Water resistance at 90°C	DIN 51807:1	-	1
Water washout at 79°C	ISO 11009	%	<10
Emcor	ISO 11007	-	<=2-2
SKF R2F B at 140°C	SKF	-	Pass

Fiche technique

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

Document ref.: X-IGOL013-1807
- Published: 12/07/18

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