



IRIX C 310-2

Greases

DESCRIPTION

IRIX C 310-2 is a multi-purpose lubricating grease based on mineral oil, anhydrous calcium soap and EP additives.

IRIX C 310-2 is suitable for application within a wide temperature range and prolongs the relubrication intervals and performance during vibrating conditions due to its high degree of mechanical stability.

APPLICATIONS

IRIX C 310-2 is recommended for lubrication of bearings, plain bearings and bushings at low to medium speed, medium to high temperatures and loads in wet environments (mainly for agricultural machinery and automotive market, ...). This grease is miscible with multipurpose greases based on lithium and lithium/calcium.

IRIX C 310-2 can be applied with a grease pump and by high pressure centralised system.

Classification:

- DIN 51502: KP2G-30
- ISO 6743-9: L-XCCHB2

ADVANTAGES

- Good water resistance.
- Good resistance to shock-loads.
- Good adhesiveness.
- Good protection against corrosion.



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	IRIX C 310-2
Base oil	-		Mineral
Color	-	Visual	Green
Texture	-		Smooth
Thickener	-		Anhydrous calcium
NLGI Grade	-	ASTM D217	
Dropping point	°C	IP 396	140.0
Base oil viscosity at 40°C	mm²/s	ASTM D7152	310.0
Base oil viscosity at 100°C	mm²/s	ASTM D7152	23.0
Penetration 60 strokes	1/10 mm	ISO 2137	265-295
Penetration 100 000 strokes	1/10 mm	ISO 2137	40.0
EMCOR distilled water	-	ISO 11007	0-0
EMCOR salt water	-	ISO 11007	2-3
Water resistance at 90°C	-	DIN 51807:1	0
Flow Pressure at -20°C	mbar	DIN 51805	< 1400
4 Ball test - Weld load	N	DIN 51350:4	3200
Operating range temperature	-		-30°C to +120°C (max +130°C)

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

Important Notice

Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site <https://www.quickfds.com/fr/>. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

Therefore, we recommend consulting an application engineer to discuss application conditions and product performance criteria before use. It is the user's responsibility to test the functional suitability of the product and to use it under appropriate safety conditions. Our products are subject to continuous improvement with the aim of improving performance or bringing them into compliance with any new and possible regulations concerning them. We reserve the right to change our product lines, our products and their manufacturing processes and any provisions of our publications at any time without notice. This technical sheet cancels and replaces all previous editions.

We expressly draw the attention of any user to the fact that our product has not been designed and tested for use in the field of aeronautics as an "onboard" product or in the field of nuclear power production. Any use that may be made of the product in one of the aforementioned sectors will be under the exclusive responsibility of the user. Any reproduction, whatever its form, requires the prior written consent of MOTUL. All rights reserved.