



IRIX HP-SI 180

Greases

DESCRIPTION

IRIX HP-SI 180 is a sprayable, biodegradable grease for points, made from selected biodegradable oils and an inorganic thickener, together with efficient additives, which ensure not only fast biodegradability but also excellent levels of technical performance, especially in terms of adhesiveness and resistance to washing off.

APPLICATIONS

IRIX HP - SI 180 is a sprayable, biodegradable grease for points which can be used all year round to lubricate the bearings on sets of railway points. It is applied by using a sprayer and spread evenly over the surface to be lubricated. This operating method enables particularly easy, fast application of the product.

Tests carried out on the railway network have shown that the product adheres to the rails very well, even in heavy rain. Furthermore, the product remains highly sprayable, even at very low temperatures; this makes it easy to use in all weathers.

IRIX HP - SI 180 has been approved by the SNCF under the number IPM 02153.

IRIX HP - SI 180 meet the following requirements :

- DIN 51502: KPF2K-30

ADVANTAGES

- Biodegradable.
- Resistance to water.
- Excellent adhesion.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	IRIX HP-SI 180
Base oil	-		Synthetic ester
Aspect	-		Gelatinous
Color	-	Visual	Dark yellow
Thickener	-		Microgel
NLGI Grade	-	ASTM D217	na
Dropping point	°C	IP 396	none
Base oil viscosity at 40°C	mm ² /s	ASTM D7152	20.0
Operating range temperature	-		-30°C to +120°C
Filterability	-		pass at 400 µm

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.