



## MOTUL 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 <sup>2</sup> /s	ASTM D7152	20.0
Temperature range	-		-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

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.