

## IRIX HP - MBE 482 CU

### DESCRIPTION

**IRIX COPPER PASTE** (formerly IRIX HP - MBE 482 CU) is an assembling paste blended from mineral oil, soap-free thickener and copper powder.

### APPLICATIONS

The synergistic mixture of solid particles makes it suitable to ease assemblies, static or semi-static (coupling electrical motor/gear box, ingot clamps, and any other mechanical parts working at very low speed and high temperatures).

**IRIX COPPER PASTE** considerably reduces contact corrosion effects and eases disassembly event after a long period of exposure at high temperature.

Application can be done with a spatula or a brush, but this paste must never be used in a centralized lubrication system.

Classification:

- ISO 12924: L-XCGDB2
- DIN 51502: KF2T-35

### ADVANTAGES

- Contains 25 % copper powder
- High temperature assembling paste
- Easier assembling and disassembling
- Good protection against corrosion
- Excellent adhesion

**TECHNICAL INFORMATION**

NAME	UNITS	METHOD	IRIX HP - MBE 482 CU
Color	-	Visual	Copper
Density at 20°C (68°F)	kg/m3	IP 530	1164
Texture	-		smooth
Base oil	-		Mineral
Thickener	-		Bentonite
NLGI Grade	-	ASTM D217	2
Drop point	-	IP 396	none
Base oil viscosity at 40°C	mm <sup>2</sup> /s	ISO 12058	485.0
Base oil viscosity at 100°C	mm <sup>2</sup> /s	ISO 12058	31.4
Penetration 60 strokes	1/10 mm	ISO 2137	265-295
Water resistance at 90°C	-	DIN 51807:1	0-90
Copper Strip Corrosion	-	ASTM D4048	1a
Water resistance	-	DIN 51807:1	0-90 at 90 °C
Water washout	%	ISO 11009	<10 at 79°C
4 Ball test - Weld load	N	DIN 51350:4	3800
Temperature range	-		-35 °C to +1100 °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.