

# IBERTEM 15-R



INDUSTRY

Lubricants

## Description

A natural paraffin mineral oil with low viscosity, formulated with highly refined base oils, which provide the properties required to overcome the difficult conditions needed for the normal hardening of steel when high-speed hardening is not needed. This kind of oil is used with steel alloys and is formulated to last a long time.

## Properties

- Good resistance to oxidation and the formation of sludge and dirt.
- Very good thermal stability and low volatility, which reduces smoke and the risk of fire.
- Good foam resistance.
- Uniform and lasting hardening capacity.

## Technical specifications

	UNIT	METHOD	VALUE
Appearance			Glossy and transparent
Colour		ASTM D 1500	< 1.5
Density at 15 °C	g/mL	ASTM D 4052	0.870
Viscosity at 40 °C	cSt	ASTM D 445	24
Viscosity at 100 °C	cSt	ASTM D 445	4.5
Viscosity index		ASTM D 2270	100
Flash point O/C	°C	ASTM D 92	200
Aniline point	°C	ASTM D 611	95
Neutralisation index	mg KOH/g	ASTM D 974	0.05
Noack volatility, 1 hr at 150 °C		DIN 51581	0.85
Copper corrosion		ASTM D 130	1b

A safety data sheet is available on request.

repsol.com  
+34 901 111 999

Technical data sheet for Lubricants. Revision 2. December 2008.