



Product Data Castrol Iloquench 1

General Purpose Low Viscosity Quenching Medium

Description

Castrol Iloquench 1 is a general purpose, low viscosity quenching medium based on specially selected, solvent refined mineral oils of low sulphur content.

Application

Castrol Iloquench 1 is a universal product for quenching carbon steels in conventional hardening and tempering processes in circulated oil or static bath systems. It may also be employed for quenching direct from cyanide salt baths.

Benefits

- Exceptional stability against oxidation.
- Oil degradation, volatility loss and build-up of acidic materials are minimized over long periods of use.
- Produces sludge-and asphaltic-free components with minimum drag-out losses.
- Maintains constant quench bath characteristics.
- Carry-over from cyanide salt baths does not adversely affect the performance of **Castrol Iloquench 1**.

Technical Data

Density @ 15°C	0.869
Viscosity @ 40°C	18.22
Closed flash point	200°C
Open flash point	212°C
Fire Point	232°C
Pour Point	-9°C
Aniline Point	94°C
Nickel Ball Quench Time	20-22 seconds
Optimum working temperatures	20-80°C

The above data is typical and does not constitute a specification.

Health, Safety & Environment

See separate Material Safety Data Sheets available on request.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

30-Oct-02

Castrol Iloquench 1

Page 2 of 2