



Product Data

Castrol Iloquench 798™

Hot Quenching Oil

Description

ILOQUENCH 798 is a blend of premium of solvent refined paraffinic mineral oils selected for their high temperature stability. A special anti-oxidant package has been included to ensure excellent sump life, even when operating at elevated temperatures.

Application

- ◆ *Hardening of medium carbon and low alloy steels.*
- ◆ *Hardening of carburised or carbonitrided components.*
- ◆ *Hardening of components subject to distortion, especially suited for components such as gears, blade steels etc.*

ILOQUENCH 798 is suitable for used in continuous furnaces, sealed quench furnaces and open quench tanks.

Advantages

- ◆ *Excellent fluidity at operating temperatures.*
- ◆ *Excellent resistance to oxidation.*
- ◆ *Uniform quenching characteristics.*
- ◆ *Easy cleaning of as-quenched components.*

Castrol Iloquench 798
31.10.2006, Version Number 1.0
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All reasonable care has been taken to ensure that the information included 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 India Limited products. MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product

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Characteristics

Tests	Units	Standard	Typical Value
Appearance	-	VISUAL	Light brown liquid
Density @ 15 °C	gm /cc	IP 160	0.8864
Viscosity @ 40°C	cSt	IP 71	176
Flash Point (COC)	°C	IP 36	244
Fire Point (standard value)	°C	D 92	> 270
Total Acid Number	mg KOH/g	IP 1	0.10
Severity of Quench @ 150°C			
Transition Temperature:		NFT 60-178	
Vapour - Boiling	°C	-	692
Boiling - Convection	°C	-	397
Castrol Index @ 150°C	-	-	15.96
Operating Temperature:			
In open air	°C	-	50 - 80
Under atmosphere	°C	-	50 - 180

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

Information contained in this technical sheet are in accordance to our knowledge at its creating date.

Applications are given for general information only.

Our responsibilities are only bound on recommendations made after study by our technical services of the using particular conditions of this product.

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