



## Product Data

### CASTROL ILOQUENCH 798

#### 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.

#### Applications

- 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.

#### Benefits

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

Castrol India Limited  
Industrial Division  
Rayala Towers, II Tower, V Floor  
781-785, Anna Salai,  
Chennai 600 002  
Telephone +91 44 52198899  
Fax +91 44 28416305

## Product Data

### Typical Product Data

TESTS	UNITS	STANDARD	VALUE DATA
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		NFT 60-178	
Transition Temperature: Vapour – Boiling 1	°C	-	692
	°C	-	397
Boiling – Convection 2	-	-	15.96
Castrol Index @ 150°C			
Operating Temperature:			
In open air	°C	-	50 - 80
Under atmosphere	°C	-	50 - 180

Castrol India Limited  
 Industrial Division  
 Rayala Towers, II Tower, V Floor  
 781-785, Anna Salai,  
 Chennai 600 002  
 Telephone +91 44 52198899  
 Fax +91 44 28416305



## Product Data

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.

Castrol India Limited  
Industrial Division  
Rayala Towers, II Tower, V Floor  
781-785, Anna Salai,  
Chennai 600 002  
Telephone +91 44 52198899  
Fax +91 44 28416305