



Product Data

Castrol Iloquench 32

Low Viscosity Quenching Oil

Description

Castrol Iloquench 32 is a low viscosity quenching oil, specially formulated from high quality, solvent refined oils with unique additives to give a more accelerated quench rate than is provided by straight mineral quenching oils.

Application

Castrol Iloquench 32 is used for accelerated quenching, particularly where the leaner steel specifications are to be met.

Benefits

- Stable over a wide range of temperatures.
- Additives in **Castrol Iloquench 32** will not readily dissociate or break down to lose their accelerating influence on cooling during the most severe quenching conditions encountered.
- Low volatile nature.
- High resistant to oxidation.
- Highly resistant to the formation of acidic by-products during use.
- Residual film left on quenched components affords a mild, inter-operational protective system.
- Absence OF tars and asphaltic matter leads to clean components and facilitates easy removal of oil film if required.

Technical Data

Density @ 15°C	0.876
Viscosity @ 40°C, cSt	31.0
Viscosity @ 100°C	4.5
Closed flash point	202°C
Open flash point	212°C
Fire Point	232°C
Pour Point	-6°C
Aniline Point	93°C
Nickel Ball Quench Time	12-13 seconds
Optimum working temperatures	20-80°C

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

B1171/96/5 replaces B749/89/5
Bulk Item Code 105064

Castrol Industrial - Australia
Level 6, 636 St Kilda Road, Melbourne 3004
Technical Advice Line 1300 557 998
www.castrol.com.au
Sydney 02 9795 4800
Melbourne 03 9268 4200
Brisbane 07 3850 9300
Adelaide 08 8347 6200
Perth 08 9268 9288

Health, Safety & Environment

See separate Material Safety Data Sheets available on request.

- Spillage: **SMALL - 20 LITRES OR LESS**
Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.
- LARGE - GREATER THAN 20 LITRES**
Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
- Disposal: New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewerage or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority. Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

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.

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Castrol Iloquench 32

Page 2 of 2