

Calibration Oil DDS N14-002A

Product Diesel Injector Test Fluid

Description

Castrol Calibration Oil DDS N14-002A is a low viscosity mineral oil based test fluid with improved lubricity.

Application

Calibration Oil DDS N14-002A is a calibration and storage oil for diesel fuel injectors, conforming fully with ISO 4113, Lucas CAV 7-10-106 and Delphi Diesel Systems (DDS) N14-002A (ISO 4113 variant) specifications. The rust preventative properties of this oil are such that, without cleaning of the equipment after calibration, proper functioning of the equipment is ensured after one year's storage in normal conditions.

Typical Characteristics

Name	Method	Units	DDS N14-002A
Appearance	Visual	-	clear and bright pale amber liquid
Kinematic Viscosity @ 40C	ISO 3104 / ASTM D445	mm ² /s	2.53
Foam Sequence I, Tendency / Stability	ISO 6247 / ASTM D892	ml	20 / 0
Density @ 15C	ISO 12185 / ASTM 4052	kgm ³	825
Colour	ASTM D1500	-	0.5
Flash Point, closed cup method	ISO 2719 / ASTM D93	°C	>75
Pour Point	ISO 3016 / ASTM D97	°C	<-18
Copper Corrosion	ISO 2160 / ASTM D130	-	1a

Additional Information

This product contains volatile components and is hygroscopic.

In handling and open storage it can lose volatile components that can impact on viscosity and density (both increasing).

This can be exacerbated by heat / high temperatures.

In handling and storage it absorb water.

When product is handled, agitation should be minimised, and elevations in fluid temperature avoided wherever possible.

Containers used for transport or storage should be clean and dry, and selected to minimise headspace.

They should be sealed against contaminant, and water or water vapour ingress.

Where sealing is not possible (e.g. in a working tank, where fluid levels vary significantly) a desiccant breather cap should be used and maintained to manufacturer's instructions, to minimise potential water uptake into the fluid via the headspace.

Calibration Oil DDS N14-002A

01 Sep 2016

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial