



Hyspin™ V 10

Hydraulic fluid

Description

Castrol Hyspin™ V 10 (previously called Vitamol™ V 10) is a biologically degradable hydraulic oil based on synthetic hydrocarbons with distinctive efficient capabilities. The special additive technology results in an improvement in the VI (Viscosity Index) performance, corrosion prevention, pressure absorption ability and ageing protection.

Application

The low viscosity Hyspin V 10 has a proven performance for use in shock absorbers. Furthermore, it is suited for all hydraulic systems, which need extremely precise control even with large variations in temperature. Possible applications are hydraulic elevators, hydraulics for water resource and distribution equipment, auxiliary engines, N/C controlled machine tools and copier hydraulics.

Typical Characteristics

Name	Method	Unit	Hyspin V 10
Appearance	Visual	-	Blue
Density @ 15°C / 59°F	ISO 3675 / ASTM D1298	kg/m ³	834
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	10.3
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	3.2
Viscosity Index	ISO 2909 / ASTM D2270	-	190
Pour Point	ISO 3016 / ASTM 97	°C/°F	<-57/<-71
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	170/338
Volatility - Noack (at 100°C)	DIN 51581	%wt	0.9

Subject to usual manufacturing tolerances.

This product was previously called Vitamol V 10. The name was changed in 2015.

Hyspin™ V 10
29 May 2015

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 Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

www.castrol.com/industrial