

Castrol Vitamol V 10

Description

Castrol 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 the ageing protection.

Application

The low viscosity Castrol Vitamol 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

Test	Method	Unit	Result
Colour			Blue
Density at 15°C	DIN 51757	g/ml	0.835
Viscosity at 40°C at 100°C	DIN 51562	mm ² /s	10 3.2
Viscosity Index	DIN ISO 2909		175
Pourpoint	DIN ISO 3016	°C	<-48
Flashpoint COC	DIN ISO 2592	°C	170
Evaporation loss at 100°C/1 h (Noack)	DIN 51581	w%	0.9

Castrol, Vitamol, and the Castrol logo 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 Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK
www.castrol.com/industrial