



## Hyspin™ ZH-M

Hydraulic oil

### Description

Castrol Hyspin™ ZH-M (previously called Vitamol™ ZH-M) is a special central hydraulic fluid, formulated with the highest quality base oils together with a carefully selected additive package. This formulation ensures reduced hiss and crunch noise and provides enhanced machinery protection due to excellent corrosion protection. The favourable viscosity index together with the low evaporation loss, guarantees a functional safety over a wide application range.

### Application

Hyspin ZH-M was developed specially for the motor vehicle industry, particularly Mercedes-Benz (MB-sheet 343), for use as a central hydraulic fluid.

### Typical Characteristics

Name	Method	Units	Hyspin ZH-M
Colour	ISO 2049 / ASTM D1500	-	1
Density @ 15°C / 59°F	ISO 3675 / ASTM D1298	kg/m <sup>3</sup>	865
Kinematic Viscosity @ -40°C @ 20°C @ 40°C @ 100°C	ISO 3104 / ASTM D445 P-VW 1408	mm <sup>2</sup> /s	3800 33.7 16.4 4.11
Viscosity Index	ISO 2909 / ASTM D2270	-	161
Pour Point	ISO 3016 / ASTM D97	°C/°F	-45/-49
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	157/315
Acid Number	ISO 6618 / ASTM D974	mg KOH/g	2.3
Corrosion Test VW-TL 731	-	-	fulfilled
Volatility - Noack (at 100°C)	DIN 51581-1	% wt loss	1.4

Subject to usual manufacturing tolerances.

**This product was previously called Vitamol ZH-M. The name was changed in 2015.**

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