



## Hyspin DXP 46

Hydraulic Oil

### Description

Castrol Hyspin™ DXP 46 is a zinc-free high performance hydraulic oil blended using high quality base oils and selected additives. It is a HLP-D type oil that meets the requirements of DIN 51524 part 2 and has detergent / dispersant properties. Through continuous suspension of contaminants in the circulating fluid, it minimises the formation of deposits and residues, which in turn improves the overall performance of the hydraulic system.

### Application

Castrol Hyspin DXP 46 has been developed specifically for use in wet-running clutch-brake combinations and is approved by Ortlinghaus.

At the same time Castrol Hyspin DXP 46 offers high wear protection under mixed-friction conditions and achieves a load-capacity in accordance with the Brugger wear test of 50 N/mm<sup>2</sup>.

### Advantages

- Meets the requirements of DIN 51524 Part 2
- Minimal ash formation.
- High wear protection under mixed friction conditions with Brugger value = 50 N/mm<sup>2</sup>
- Approval under Standard Ortlinghaus ON 9.2.19 with Ortlinghaus clutch-brake combinations.
- Good emulsifying /detergent properties.
- Very good oxidation stability.

## Typical Characteristics

Name	Method	Units	Hyspin DXP 46
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m <sup>3</sup>	880
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D 445	mm <sup>2</sup> /s	46
Pour Point	ISO 3016 / ASTM D97	°C/°F	-33 / -27.4
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	>230 / >446
Oxide Ash content	ISO 6244 / ASTM D482	%wt	<0.01
Copper corrosion (3 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1a
Rust test - distilled water (24 hrs)	ISO 7120 / ASTM D665A	-	0-A
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	<150/0
Foam Sequence II - tendency / stability	ISO 6247 / ASTM D892	ml/ml	<75/0
Foam Sequence III - tendency / stability	ISO 6247 / ASTM D892	ml/ml	<150/0
Brugger Test	DIN 51347	N/mm <sup>2</sup>	50

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