



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. 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/mm².

Advantages

- Meets the requirements of DIN 51524 Part 2.
- Minimal ash formation.
- High wear protection under mixed friction conditions with Brugger value = 50 N/mm²
- Meets the requirements of 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 ³	880
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D 445	mm ² /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 ²	50

Subject to usual manufacturing tolerances.

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