

ПРЕДПРИЯТИЕ МАКСАЭРО

- Производство воздуховодов и систем вентиляции
- Клапаны противопожарные
- Клапаны дымоудаления
- Вентиляторы общепром, дымоудаления, крышные

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Масло гидравлическое Castrol Hyspin DSP



Description

The Castrol Hyspin™ DSP Range are Zinc free Extreme Pressure and Antiwear hydraulic oil based on mineral oil.

Application

For hydraulics operating under high pressures and temperatures and additional high requirements on the deterging properties.

Advantages

- Fulfills the requirements of DIN 51 524, Teil 2 - HLP, DIN 51 517, Part 3-CLP, ISO 6743/4-L-HM and Müller Weingarten specification
- Formulated without heavy metals.
- High protection against wear under mixed friction conditions (Brugger-value > 45 N/mm² and FZG-A/8.3/90, scoring load stage > 12)
- High thermal stability.
- Reliable corrosion protection.
- Excellent oxidation stability.
- Good emulsifying and detergency properties.
- Excellent air separation capability.
- Excellent filterability.
- Good low temperature behaviour.
- General good compatibility with elastomers.
- Free of silicone.

Typical Characteristics

Name	Method	Units	DSP 10	DSP 15	DSP 22	DSP 32	DSP 46	DSP 68
ISO Viscosity Grade	-	-	10	15	22	32	46	68
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	850	850	870	870	880	880
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	10	15	22	32	46	68
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	2.6	3.2	4.3	5.4	6.8	8.7
Viscosity Index	ISO 2909 / ASTM D2270	-	-	-	100	102	102	100
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	150/ 302	175/ 347	205/401	215/ 419	240/464	245/ 473
Pour Point	ISO 3016 / ASTM D97	°C/°F	-36/-33	-33/ 27	-33/-27	-30/-22	-30/-22	-30/-22
Air Release @ 50°C / 122°F	ISO 9120 / ASTM D3427	min	3	3	4	5	6	9
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	50/0	50/0	50/0	50/0	50/0	50/0
Rust test - synthetic seawater (24 hrs)	ISO 7120 / ASTM D665B	-	Pass	Pass	Pass	Pass	Pass	Pass

Subject to usual manufacturing tolerances.