



Product Data

Castrol Hyspin ZZ 68™

Zinc free hydraulic fluid

Description

Castrol Hyspin ZZ are premium category zinc-free hydraulic fluids formulated from solvent - refined base stock with a zinc-free additive system to meet the most stringent demands of modern hydraulic systems. The zinc-free additive system enables better filterability and improved thermal stability with no compromise on the anti-wear performance of the hydraulic fluid.

Application

Castrol Hyspin ZZ grades are recommended to give maximum performance in most severe vane pump applications. The excellent thermal stability characteristics make them the ideal hydraulic fluids for piston pumps and other hydraulic applications having likelihood of thermal deposit formation. They are particularly suited for hydraulic systems operating at elevated temperatures and experiencing ingress of water. Also suited for machining systems where hydraulic oil leakage may contaminate wastewater disposal systems. Castrol Hyspin ZZ are widely used in machine tool and plastic moulding applications, metal goods manufacture etc.

Advantages

| Product Feature | Operational Advantage | Customer Benefits |
|-------------------------------|--|--|
| Thermal stability | Minimum filter clogging due to reduced thermal degradation / breakdown of lubricant | Longer filter and lubricant life even at elevated operating temperatures |
| Hydrolytic stability | No breakdown in the presence of water. No filter operating blocking even in wet operating conditions | Longer filter and lubricant life even in wet conditions |
| Zinc free | Reduced waste water contamination in the event | Environment friendly of oil leakage |
| Excellent antiwear Properties | Offers peak performance levels with all types of pumps conditions | Longer pump life even severe operating |
| Good corrosion resistance | No corrosion of pump components or system parts | Longer pump life |
| Demulsification | Does not allow emulsion to form if exposed to water ingress. Easy water separation in minimum residence time. | Extended fluid life |
| Improved filterability | Less chance of filter blockage caused by protection; reduced system lubricant breakdown in the presence of water | Excellent equipment downtime and reliable performance even in presence of water / moisture |

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- ◆ Milacron P-68/69/70
- ◆ DIN 51524 Part II
- ◆ Hagglunds Denison HF-0 & HF-2
- ◆ Vickers 35 VQ-25 Vane Pump Test
- ◆ Racine Model 'S' Vane Pump Test

Characteristics

| Characteristics | Typical Value |
|---------------------------|----------------|
| ISO VG No | 68 |
| Appearance | Bright & Clear |
| Viscosity. Cst @ 40°C | 64-72 |
| Viscosity Index | 100 |
| Flash Point COC °C. | 225 |
| Pour Point °C , Max. | - 12 |
| Copper Corrosion @ 100°C. | 1a |
| Rust Test | Pass |

These are typical figures and do not constitute a specification.

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