



Hyspin Heavyduty Range

Anti-wear hydraulic oil

Description

Castrol Hyspin Heavyduty hydraulic oil range is based upon highly refined mineral oil enhanced with a stabilized zinc additive system.

Application

Castrol Hyspin Heavyduty hydraulic oil range has been formulated to provide good anti-wear and thermal stability performance using a stabilized zinc additive system. Hyspin Heavyduty hydraulic oil range has excellent hydrolytic and oxidative stability while exhibiting a minimal tendency to produce sludge and deposits. In addition, Hyspin Heavyduty hydraulic oil range provides corrosion protection to ferrous and yellow metal components found within a hydraulic system. This range is designed for use in industrial hydraulic systems which require anti-wear protection. It is also suitable for other duties in which lubricants of high oxidation stability and lubrication performance are required.

Hyspin Heavyduty grades meet the requirements (for appropriate viscosity grade) of:

- DIN 51524 Part 2

Advantages

- Good thermal and oxidative stability leads to longer operating life, reduction in lubricant costs and minimizes deposit formation giving a cleaner system.
- Excellent anti-wear performance gives wear protection and reduces downtime from unscheduled maintenance.
- Excellent water separation and hydrolytic stability means reduced down time through prolonged lubricant life and increased equipment reliability.

Typical Characteristics

Name	Method	Units	Hyspin Heavyduty 32	Hyspin Heavyduty 46	Hyspin Heavyduty 68
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	880	880	880
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	32	46	68
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	5.3	6.7	8.6
Viscosity Index	ISO 2909 / ASTM D2270	-	>95	>95	>95
Pour Point	ISO 3016 / ASTM D97	°C/°F	-18/0	-18/0	-18/0
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	>200/>392	>200/>392	>200/>392

Subject to usual manufacturing tolerances.

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com