

SPRINTER SY HVI ZF 15

Description:

Oil for hydraulic control systems, which works on high-duty operational conditions, constructive design, and sudden temperature changes conditions. It has high viscosity index, excellent fluidity even with low temperature and a strong wear power.

It is recommended in all operations with sudden temperature increase that can compromise efficiency and correct functionality of the hydraulic control. High viscosity index means less viscosity reduction with temperature increase.

It's a anti-wear hydraulic oil with ISO VG 15 gradation "stabilized", which means that it preserves its chemical, physical and technical properties over a long period of time. That characteristic makes it suitable for hydraulic circuits and hydrostatic lubricating systems with strong conditions, regarding pressure, operational temperature range, oil charge circulating ratio, water contamination, etc.

It is an *ashless* oil with complete synthetic base with anti-wear additives, antioxidants and Zinc-free anticorrosive.

SPRINTER SY HVI ZF 15 guarantees a long-last service, even at high temperature with high amounts of air, which increase thermo-oxidative decay.

Even if the filtration system has been studied according to the cleaning degree required by the components, this oil prevents any servo-valves functional irregularities and residual formation.

It retains a thin-dispersed amount of water in the emulsion, avoiding compromising the correct functionality of the hydraulic circuit. In case of contamination by high amounts of water, SPRINTER SY HVI ZF 15 is able to separate and remove it very quickly.

It guarantees a constant film on every surface, protecting against rust with both running and stopped plants, even when applied in a thin layer.

It also has:

- High tendency to air-release;
- Excellent filterability, even with sophisticated filtration systems;
- Very high resistance to foam formation.

Application:

Hydraulic control systems, pumps, rotary screw compressors, rolling bearings, hydraulic couplings, pumps (also in the presence of silver critical components and bronze), solenoid valves and servo valves of machine tools, where a synthetic hydraulic, ashless, Zinc-free type oil is required with a particularly high Viscosity Index.

AVERAGE CHEMICAL AND PHYSICAL PROPERTIES*

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|------------------|-------------|------|-------|
| ISO VG Gradation | - | - | 15 |
| Viscosity | | | |
| - at 40°C | ASTM D 445 | cSt | 16,1 |
| - at 100°C | | | 4,35 |
| Viscosity Index | ASTM D 2270 | - | 195 |
| Density at 20°C | ASTM D 1298 | Kg/l | 0,834 |
| Flash Point COC | ASTM D 92 | °C | 200 |
| Pour point | ASTM D 97 | °C | -45 |

*these data do not constitute specification

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Technical Data Sheet