

CHAMPION HYDRO HV ISO 37

A high viscosity index paraffinic oil, based on selected ingredients, specifically intended for use in hydraulic circuits. Superior performance in keeping the system clean by reducing the formation of deposits. It also demonstrates good filterability, water separation, and quick air release.

APPLICATIONS

Hydraulic systems, functioning at very variable temperatures and at high pressures. Gear boxes, which require an oil with an increased viscosity index and assuring a mechanical and chemical stability. Regulation systems and hydraulic steering.

FEATURES

Anti-wear and oxidation stability: superior protection

Anti-foam properties: excellent anti-foam properties

Temperature stability: superior viscosity stability

PERFORMANCE

| | | | |
|--------------|----------------|----------------------|------------|
| AFNOR | NF E 48-603 HV | ISO | 11158, HV |
| AFNOR | NF E 48-690 | ISO | 6743-4, HV |
| AFNOR | NF E 48-691 | DENISON | HF-2 |
| ASTM | D6158 HV | EATON VICKERS | I-286-S |
| DIN | 51524 Part 3 | EATON VICKERS | M-2950-S |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.863 |
| Kinematic viscosity at 40°C | ASTM D445 | mm ² /s | 38.0 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 7.4 |
| Viscosity index | ASTM D2270 | | 165 |
| Pour point | ASTM D6892 | °C | -51 |
| Sulfated Ash | ASTM D874 | Mass % | 0.06 |
| Flash Point COC | ASTM D92 | °C | 220 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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