



QUALITIUM HV 10, 15, 22, 32, 46, 68

Hydraulic oil for vehicles and industrial machines operating in difficult conditions

APPLICATION

- intended for hydraulic systems in vehicles and heavy equipment operating in severe conditions
- for hydraulic systems in industrial machinery
- for high pressure and high temperature applications
- for hydraulic systems operating in low ambient temperatures



STANDARDS/SPECIFICATIONS

ISO VG 10, 15, 22, 32, 46, 68

ISO 11158 L-HV

DIN 51524 - 3 HVLP

AFNOR NF E 48-603

Vickers M-2950-S3

| Parameters | QUALITIUM HV | | | | | |
|--|--------------|------|------|------|------|------|
| | 10 | 15 | 22 | 32 | 46 | 68 |
| Kinematic viscosity at 40°C (mm ² /s) | 10,5 | 15,3 | 22,5 | 32,5 | 46,1 | 67,9 |
| Viscosity index | 144 | 145 | 146 | 147 | 146 | 142 |
| Flash point (COC, °C) | 162 | 171 | 192 | 200 | 206 | 220 |
| Pour point (°C) | -42 | -42 | -48 | -45 | -48 | -36 |

*The above are typical physicochemical values. The actual physicochemical values are to be found in the laboratory report attached to each batch of the product.

AVAILABLE OIL VOLUMES

5L, 20L, 205L, 1000L



REPLACEMENT OILS

| QUALITIUM | ORLEN OIL | LOTOS | SHELL | CASTROL | TOTAL |
|-----------|-------------------|---------------------|--------------------|--------------------|------------------|
| HV 15 | Hydrol L-HV 15 | - | Tellus S2 VX 15 | - | Equivis ZS 15 |
| HV 22 | Hydrol L-HV 22 | - | - | - | Equivis ZS 22 |
| HV 32 | Hydrol L-HV 32 | Hydromil L-HV 32 | Tellus S2 VX 32 | Hyspin AWH-M 32 | Equivis ZS 32 |
| HV 46 | Hydrol L-HV 46 | Hydromil L-HV 46 | Tellus S2 VX 46 | Hyspin AWH-M 46 | Equivis ZS 46 |
| HV 68 | Hydrol L-HV 68 | Hydromil L-HV 68 | Tellus S2 VX 68 | Hyspin AWH-M 68 | Equivis ZS 68 |

ADVANTAGES

Ensures excellent efficiency of hydraulic systems, reduces operating costs and increases productivity.

- extends operation even in severe conditions
- selected additives enhancing lubricity guarantee excellent anti-wear protection
- demonstrates brilliant anti-oxidation properties and high stability
- excellent anti-foam properties
- exhibits parameter stability, resists oxidation
- outstanding properties in low temperatures
- optimum demulsibility – guarantees fast separate of water
- perfect compatibility with sealants