



## 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 <sup>2</sup> /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 (oC)	-42	-40	-40	-38	-38	-30

\*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	MOBIL	SHELL	CASTROL	TOTAL
HV 15	Hydrol L-HV 15	-	DTE 10 Excel 15	Tellus S2 VX 15	-	Equivis ZS 15
HV 22	Hydrol L-HV 22	-	DTE 10 Excel 22	-	-	Equivis ZS 22
HV 32	Hydrol L-HV 32	Hydromil L-HV 32	DTE 10 Excel 32	Tellus S2 VX 32	Hyspin AWH-M 32	Equivis ZS 32
HV 46	Hydrol L-HV 46	Hydromil L-HV 46	DTE 10 Excel 46	Tellus S2 VX 46	Hyspin AWH-M 46	Equivis ZS 46
HV 68	Hydrol L-HV 68	Hydromil L-HV 68	DTE 10 Excel 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