



## HYDROL L-HV 68

**Quality class:** Quality class according to ISO 11158 – HV  
**Viscosity grad:** ISO VG: 68

### GENERAL FEATURES:

HYDROL L-HV hydraulic oils are manufactured basing on high quality base oils and a set of enriching additives. They are featured by high level of antiwear properties and additionally improved temperature depending viscosity grades compared to L-HM hydraulic oils. It provides: - extended life time, - reduction of wear of hydraulic pumps elements, - work at wide range of temperatures with perfect viscosity preserved (high viscosity grade: WL > 140).

### APPLICATION:

Hydrol L-HV hydraulic oils are intended for high loaded powering systems of high pressure piston pumps with constant and variable delivery and for sliding-vane pumps, where high antiwear oil properties are required and for precise systems of hydraulic control and hydraulic systems which require insignificant viscosity changes with temperature changes.

### STANDARDS, APPROVALS. SPECIFICATION:

DIN 51524 cz. 3 11158 HV, DIN 51524 cz. 3 HVLP, KGHM Zanam CB4-24TB

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	68.8
Viscosity index	-	145
Flow temperature	°C	-30
Ignition temperature	°C	226
Resistance to foaming · susceptibility to foaming: foam volume after 5 min. of blowing with air at 25°C, · foam durability: foam volume after 10 min. standing still at 25°C standing still at 25°C	ml	20 0
Corrosiveness to copper 3 h/100°C, corrosion rate	reference sample	1a
Deemulsifying properties – emulsion and water separation time to achieve: - 40 - 43 ml of oil - 37 - 40 ml of water - 0 - 3 ml of emulsion at	min.	20
	°C	54
Ability to release air at 50°C	min.	8

**NOTE:**  
 Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

