



# Rubric HV 46 Ambient

**Hydraulic oil - Anti-wear**

**Very high viscosity index**

**ISO VG 46**

## TYPE OF USE

**Specially formulated for POCLAIN hydraulic systems**

All types of hydraulic systems, hydrostatic transmissions, actuating cylinders working in very severe conditions, hydraulic systems operating at very high pressure, within important temperature variation : Construction machinery, farm machinery, industrial equipment...  
Suitable for all types of pumps: axial pistons, radial pistons, gear systems, blades.

## PERFORMANCES

STANDARDS ISO 11158 Category HV, ISO 6743-4 Category HV,  
NFE 48 602 HV, NFE 48 603 HV  
DIN 51 524 part 3 HVLP  
CASE POCLAIN P 110 32-03J, CINCINNATI MILACRON P 70,  
DENISON HF-0  
VICKERS V 104 C / 35 VQ 25.

Very high fluidity at low temperatures allowing easy start up.  
Very good shear resistance allowing use at very high pressure.  
Very good anti-wear properties which increase the pumps life.  
Resistance to oxidation : Long drain oil.  
Anti-corrosion, Anti-rust, Anti-foam.  
Good filtering capacities.  
Stability under hydrolysis.

## RECOMMENDATIONS

Oil change: according to manufacturers' requirements and oil test results;  
Can be mixed with synthetic and mineral oils.

## PROPERTIES

Color	Visual	Blue/Green.
Density at 20°C (68°F)	ASTM D1298	0.870
Viscosity at 40°C (104°F)	ASTM D445	46.0 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	8.2 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	155
Flash Point	ASTM D92	224°C / 435°F
Pour Point	ASTM D97	-36°C / -33°F