

## PLURAFLUID B 68 HVI PLUS

*Hydraulic fluid and lubricating oil.*

### SPECIFICATIONS

- DIN 51524-3 : HVLP
- ISO 6743-4 : HV
- ISO 11158
- Denison HF0
- Bosch Rexroth
- Vickers
- US Steel
- Cincinnati Milacron

### APPLICATIONS

**PLURAFLUID B 68 HVI PLUS** is based on the latest generation of hydrotreated base oils. The additives system improves its service life and its stability to oxidation. It also guarantees excellent protection against corrosion of steel, ferrous, copper and yellow metals. Zinc-based anti-wear and extreme pressure additives prevent wear of hydraulic pumps, motors, hydraulic components and machine elements. This excellent protection remains ensured during heavy loads, extreme temperatures or in severe conditions.

**PLURAFLUID B 68 HVI PLUS** is a hydraulic fluid with a high viscosity index (low influence of temperature on viscosity) with high shear stability, guaranteeing sufficient viscosity when hot and good fluidity when cold. Thanks to its high and stable viscosity index, **PLURAFLUID B 68 HVI PLUS** is ideal for public works fleets, agricultural equipment, handling equipment, hydraulic platforms, hydraulic power units and air compressors where an IS VG 68 hydraulic oil is recommended.

### MAIN PROPERTIES

- Low foaming tendency
- Good air release properties
- High ageing resistance
- High lifetime
- Good corrosion protection
- Very good viscosity-temperature-behaviour
- High viscosity index (VI > 145)
- Very good wear protection
- Wide application temperature range
- Good shear stability
- Latest base oil quality

## Typical technical data:

| PROPERTIES  | UNIT               | VALUE     | TEST METHODE |
|---|--------------------|-----------|--------------|
| ISO VG  |                    | <b>68</b> |              |
| Density at 15°C                                       | kg/m <sup>3</sup>  | 854       | DIN 51757    |
| Kinematic viscosity at 40°C                           | mm <sup>2</sup> /s | 66,5      | ISO 3104     |
| Kinematic viscosity at 100°C                          | mm <sup>2</sup> /s | 10,8      | ISO 3104     |
| Viscosity index                                       |                    | 153       | ISO 2909     |
| Flash point   | °C                 | 260       | ISO 2592     |
| Pourpoint   | °C                 | -33       | ISO 3016     |
| Mechanical testing in the FZG gear test rig, A/8.3/90 | failure load stage | 11        | ISO 14365-1  |