



PRODUCT DATA SHEET

NP HYDRAULIC OILS HV

GENERAL

The **NP Hydraulic Oils HV** range of lubricants are premium grade lubricants designed to provide outstanding lubrication of vane and piston pumps, actuators, control valves and hydraulic systems.

NP Hydraulic Oils HV are manufactured from high viscosity-index hydro-treated base oils, which contain lower levels of impurities, and are blended with an advanced additive package. Without these impurities, that limits the performance of conventional base oils, the use of **NP Hydraulic Oils HV** result in:

- Anti-wear performance
- Oxidation/thermal stability
- Corrosion protection
- Filterability
- Anti-foam properties
- Demulsibility

KEY BENEFITS

The use of **NP Hydraulic Oil HV** would result in:

- Less downtime, reduced maintenance and longer component life.
- Minimizing of harmful sludge and emulsions.
- Longer oil service life, with reduced costs.
- Provision of superior anti-wear protection even under increasing bulk temperatures.

MAIN APPLICATIONS

- Hydraulic transmissions and control systems in mobile, marine and industrial applications.
- Systems operating under hot conditions e.g. plastic injection molding machines.
- Systems that are subjected to wide variations of ambient temperature, or where a narrow viscosity span is required.

It is **not designed** for use in older design silver-plated pumps (e.g. old Lucas Pumps).

PERFORMANCE SPECIFICATIONS

The **NP Hydraulic Oil HV** range of lubricants meets or exceeds the requirements for:

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|----------------------|----------------------------|
| • Denison | HF-1, HF-2, HF-0 |
| • Eaton Vickers | M-2950-S / I-286-S |
| • Cincinnati Machine | P-68, P-69, P-70 |
| • DIN 512524 | Part 2 |
| • USS | 136, 127 |
| • General Motors | LS-2 LH-03 / LH-04 / LH-06 |
| • AFNOR | E 48-603 |

