

HVI Hydraulic Oils

June 10, 2004

Description

Synforce HVI Hydraulic is a high quality Hydraulic Oil containing the latest Anti-Foam, Anti-Rust, Zinc

Anti-Wear and Viscosity Improver Additives, offering hydraulic systems the ability to operate over a wide range of temperatures

HVI is recommended where a Standard type or HVI type Hydraulic oil is specified. HVI hydraulics give superior performance over standard type oils, and should be used where high pressure pumps are fitted.

Synforce HVI Hydraulic oils are pre filtered to ISO Cleanliness of 13/11 and are made with the most shear stable Viscosity Modifiers, resulting in an extremely high Shear Stability rating

Meets or Exceeds

| Vickers 1-286-9 P70 | 5, M2952-S | Denison HF-1, | HF-2, HF-0 | Cincinnati | Milacron P 68, P 69, |
|------------------------|--|-----------------|------------------------------|------------|--|
| DIN 51524 part | t 2, | Lee-Norse 100-1 | Jeffrey | No 87 | US Steel 127, 136 |
| Ford M6C32 Volume | General Motors LH-04-1, LH-06-1, LH-15-1 | | Racine Vane Pumps – Variable | | |

Commercial Hydraulics (except PMS500 Series) AFNORE48-603

Typical Properties

| Product code | | s5307 | s5308 | s5309 | s5310 |
|---------------------------|------------------|-------|-------|-------|-------|
| ISO Grade | | 32 | 46 | 68 | 100 |
| Density @ 15 deg C. | | 0.87 | 0.875 | 0.88 | 0.884 |
| Viscosity | cst @ 40 deg C. | 32 | 45 | 67.9 | 98 |
| | cst @ 100 deg C. | 6.62 | 8 | 11.5 | 14.1 |
| Viscosity Index (minimum) | | 160 | 160 | 160 | 160 |
| Zinc, % weight | | 0.85 | 0.85 | 0.85 | 0.85 |

