

Technical Data Sheet

Hydraulic HVI Oils

Product Description

These are top quality hydraulic oils with high viscosity indexes suitable for the most demanding applications. These grades use a shear stable polymer that ensures that the oils do not thin down during their working life.

Features Benefits

High viscosity index giving low temperature flow.
Excellent oxidation resistance and rust protection.
Low pour points.
Anti-foam characteristics.

Applications

Recommended for industrial and off highway hydraulic systems, where extreme operating conditions are encountered. Can also be used in hydrostatic drives, power steering systems, brake systems and other applications where a product of this type and specification is required.

HVI46 is particularly recommended for contractors plant and machinery.

Performance Levels

- Denison: HF-1, HF-2, HF-O
- Vickers: 1-286-S, M-2950-S
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524, Part 2/3
- Ford M-6C32
- Poclain (HV46)

Typical Data

ISO GRADE	15	32	46	68
Specific Gravity @ 15° C	0.856	0.858	0.861	0.865
Kinematic Viscosity @ 40°C cSt	16.1	31.0	46.8	67.1
Viscosity Index	170	168	164	158
Pour Point (°C)	-30	-30	-30	-25
Flash Point (°C)	205	205	216	216