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Product Information: Hypower HVI Fluids

Description

Hypower HVI Fluids are a range of high performance hydraulic fluids formulated and manufactured using high quality, virgin base stocks and a dedicated additive system. These high viscosity index fluids display excellent viscosity control when under high levels of mechanical stress and across a wide temperature range. Hypower HVI Fluids also exhibit outstanding thermal stability, resistance oxidation and rust and corrosion, as well as excellent foam control and the facilitation of rapid air release ensuring consistent hydraulic performance. These products also minimize sludge and have excellent demulsification properties.

Applications

Hypower HVI Fluids are recommended for use in a wide variety of industrial and mobile hydraulic power applications and equipment. They are particularly suitable for use where a wide temperature scale may be encountered. They are also suitable for use in hydrostatic drives; power steering systems, brake systems; where a fluid of this quality and viscosity is recommended by the original equipment manufacturer.

Performance Features

High Viscosity index
Excellent thermal stability
Outstanding resistance to oxidation
Excellent anti-wear performance
Excellent control of foaming
Protection against rust and corrosion
Excellent cold flow characteristics
Seal compatibility

Performance Levels

DIN 51524 Part 3 (HVLP)
ISO 6743-4 (HV)
Denison: HF-0, HF-1, HF-2
Cincinnati Machine: P-68 (HVI 32), P-69 (HVI 68), P-70 (HVI 46)
Vickers: I-286-S, M-2950-S
Cleanliness Level: ISO 4406 21/19/16 (Minimum)
FZG Load Stage: >11 (All Grades)

Typical Data

Characteristic	Unit	HVI 15	HVI 32	HVI 46	HVI 68
Density @ 15.6°C	kg/l	0.859	0.871	0.873	0.878
Kinematic Viscosity @ 40°C	cSt	15.0	32.0	46.0	68.0
Kinematic Viscosity @ 100°C	cSt	3.8	6.3	8.1	11.0
Viscosity Index		151	152	150	153
Flashpoint (Closed)	°C	164	209	218	223
Pour Point	°C	-42	-39	-36	-30

Figures based on average production values

Made in the United Kingdom Since 1925

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