

KYNOS HYDRA HVI

Hydraulic Oils

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS HYDRA HVI: Mineral based High Performance Hydraulic Fluid with High Viscosity Index.

HYDRA HVI is formulated using premium mineral oils and advanced additive technology, providing superior thermal stability, oxidation resistance, and anti-wear properties. Its high viscosity index ensures consistent performance over a wide temperature range, minimizing viscosity changes and maintaining optimal lubrication in both cold starts and high-temperature operations.

Applications

- Suitable for hydraulic systems in presses, injection moulding machines, and heavy equipment.
- Hydra HVI can be used in all available hydraulic applications, as well as light gear boxes and is perfectly suitable for general lubrication purposes.
- For turbine and power plant hydraulic control systems.

Performance Level

- Vickers I-286-S & M-2950-S
- AFNOR NF E 48-603 HL
- DIN 51 524 PART 3 (HVLP)
- FZG A/8.3/90 > 12 (ISO VG 46 and 68)
- FZG A/8.3/90 = 12 (ISO VG 32)
- CINCINATTI MILACRON P68/P69/P70 (ISO VG 32-68)
- VDMA 24318
- Thyssen HT-N-256132
- US STEEL 126/127

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Typical Performance Data

Properties	Test Method	HYDRA HVI					
		15	22	36	46	68	100
Viscosity Index	ASTM D-2270	151	153	155	152	147	146
Viscosity @ 40 °C, mm ² /s	ASTM D-445	14	22	35	46	68	95
Flash Point, °C Minimum	ASTM D-92	180	195	211	213	216	231
Pour Point, °C Max	ASTM D-97	- 42	- 39	- 36	- 33	- 30	- 27
Density @ 20 °C, kg/l	ASTM D-1298	0.853	0.859	0.862	0.860	0.868	0.880
Sulphated Ash	ASTM D-874	0.15	0.15	0.15	0.15	0.15	0.15
TAN, mg KOH/g	ASTM D-664	0.9	0.9	0.9	0.9	0.9	0.9

*All performance data on this Technical Data Sheet are indicative only and may vary during production.