

KYNOS HYDRA HVI ZF

Hydraulic Oils

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS HYDRA HVI ZF: Zinc Free Mineral Hydraulic Fluid

HYDRA HVI ZF is a high-performance hydraulic fluid formulated without zinc-based additives, providing superior protection and stability.

It is designed for systems where the presence of zinc could cause environmental or operational concerns, such as in sensitive ecosystems or equipment with yellow metal components.

Applications

Hydra HVI ZF is used in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication.

Not suitable for turbine application.

Benefits

- Excellent stability against oxidation
- High Viscosity Index
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.
- Very good thermal stability.
- Avoid reactions with metals like Silver

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Typical Performance Data

Properties	Test Method	HYDRA HVI ZF	
		46	68
Viscosity Index	ASTM D-2270	156	153
Viscosity @ 100 °C, mm ² /s	ASTM D-445	8.5	11.7
Density @ 15 °C, kg/m ³	ASTM D-4052	874	879
Flash Point, °C Minimum	ASTM D-92	> 218	>225
Pour Point, °C Max	ASTM D-97	- 36	- 36
FZG Fail Load Stage	ASTM D-5182	> 11	> 11
Air Release Value @ 50 °C, min	ASTM D-3427	10	Pass
Demulsibility @ 54 °C, min	ASTM D-1401	Pass	Pass

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