

KYNOS HYDRA ZF

Hydraulic Oils

KYNOS LUBRICATION PRIVATE LIMITED

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High Performance Zinc Free Mineral Based Hydraulic Fluid

HYDRA ZF High performance hydraulic fluid, based on the latest base oil and additive technology. The use of an ashless additive pack warrants optimum performance and a long service life. Because of the absence of metals like zinc Hydra ZF is extremely suitable for systems using bronze and silver components.

Applications

- This product is particularly recommended for hydraulic systems with high loads and/or with wear sensitivity requiring protection against gumming, deposits, and corrosion.
- Applicable to systems containing gears and bearings and is perfectly suitable for general lubrication purposes as well.
- Machines employing a wide range of components using various metallurgy and where small amounts of water are unavoidable.

Performance Level

- Vickers I-286-S & M-2950-S
- DIN 51524-2:2006-09
- VDMA 24318
- US STEEL 126/127
- Thyssen TH-N-256132
- CINCINATTI MILACRON P68/P69/P70

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Typical Performance Data

Properties	Test Method	HYDRA ZF		
		32	46	68
ISO Viscosity Grade	ASTM D-2422	32	46	68
Viscosity Index	ASTM D-2270	100	100	95
Viscosity @ 40 °C, mm ² /s	ASTM D-445	32	47	69
Flash Point, °C Minimum	ASTM D-92	180	180	190
Pour Point, °C Max	ASTM D-97	-18	-15	-15
Copper Strip Corrosion	ASTM D-130	1a	1a	1a
Water Separability @ 54 °C Minutes	ASTM D-1401	40/37/3 (30')	40/37/3 (30')	40/37/3 (30')
Density @ 25 °C, gm/cc	ASTM D-1298	0.854	0.869	0.876
Aniline Point, °C	-	95	95	95
Foam, Sequence, cc	ASTMD-892	50	50	50

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