

INDUSTRIAL HYDRAULIC OIL

Premium Mineral Technology

HYDRA HVLP

PRODUCT DESCRIPTION:

HYDRA HVLP Series hydraulic oil is a high viscosity index antiwear hydraulic oil. It is formulated to have a high viscosity index and a low pour point for use over a wider temperature range than conventional antiwear hydraulic oils. It provides excellent wear protection for hydraulic pumps and motors, has excellent oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life, and protects hydraulic system components against rust and corrosion.

Applications:

- For mobile and static hydraulic applications of industrial and other equipment. Hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards. Sometimes recommended for: hydraulic systems of metalworking machines, or circulation systems of industrial machinery.

Meets and Exceeds Performance Levels:

- DIN 51524 Part 3, Type HVLP

Features:

- Excellent demulsibility
- Very good corrosion protection to steel
- Good corrosion protection to copper
- High ageing stability / high oxidation stability
- Good AW wear protection
- Very good hydrolytic stability
- Excellent filtration behaviour (dry, wet)
- Low foaming
- Excellent air release

Typical Properties:

ISO VG,	22	32	46	68	100	150
cSt @ 100°C	5.07	6.63	8.45	11.17	13.00	17.16
cSt @ 40°C	22.4	32.7	45.6	68.4	99.8	155.6
Viscosity Index, ASTM D2270	164	164	164	156	127	120
Pour Point, °C, ASTM D97	-54	-54	-45	-39	-33	-30
Flash Point, COC, ASTM D92	224	250	232	240	258	256
Copper strip corrosion, 3 hrs @ 100°C, ASTM D130	1B	1B	1B	1B	1B	1B
Rust protection Proc B, ASTM D665	PASS	PASS	PASS	PASS	PASS	PASS
****FZG Failure Load Stage, ISO 14635-1(mod)		12	12	12	12	12

