



Focusing on Enhanced Performance

Product Name: KENZOL HYDREX Hydraulic Oils (Fully Synthetic)

Application:

- KENZOL HYDREX Hydraulic Oils are made of carefully selected highly refined fully synthetic base oils combined with advanced additives to provide outstanding anti-wear properties, rust protection, low deposit formation, and good demulsibility as well as oxidation resistance.
- Recommended for both factory equipment as well as mobile outdoor equipment.



Performance Benefits:

- Outstanding anti-wear properties and equipment protection.
- High viscosity index combined with low pour point.
- Excellent viscosity characteristics over a wide temperature range.

Performance Level: Recommended for the below performance levels / grades:

- Denison HF-0, HF-2 and DIN 51524 part 2, MIL-L-17672D, US Steel 126
- Cincinnati Machine P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO 68)
- Vickers M2950-S (35VQ25) and I-286-S (V-104C)



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Typical Properties: **KENZOL HYDREX Hydraulic Oils (Fully Synthetic)**

ISO VG	Method	32	46	68	100	150
Color	ASTM D-1500-07	L0.5	L0.5	L0.5	L1.0	L2.0
Density @15° C, gm/ml	ASTM D-1298	0.845	0.852	0.862	0.873	0.882
Viscosity @100° C, cSt	ASTMD-445	6.026	7.457	9.319	11.27	15
Viscosity @40° C, cSt	ASTMD-445	32.02	45.89	66.86	95.22	158.2
Viscosity Index	ASTM D-2270	132	127	117	104	100
Flash point, COC, ° C	ASTM D-92	220	225	230	232	235
Pour point, ° C	ASTM D-97	-36	-33	-33	-33	-27
Water separability	ASTM D-1401	40:40:5		40:40:5	40:40:5	40:40:5
Copper Corrosion, 100° C/3 hr.	ASTM D-130	1-a	1-a	1-a	1-a	1-a
Air Release @50	ASTM D-3427	8	8	8	8.5	8.5
Rust test -synthetic sea water (24 hrs.)	pass	pass	pass	pass	pass	pass