



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET HYDREX ISO 32,46,68,100, 150

DESCRIPTION

Comet Hydrex Oil is formulated to meet premium hydraulic standards. Comet Hydrex Oil contain anti-form, anti-corrosion, anti-oxidation, anti-wear additives which make them to be best products for use in mobile and stationary hydraulic systems.

APPLICATIONS

- Formulated to meet industrial hydraulic systems.
- Effective with hydraulics of mobile and construction systems.
- Suitable for applications requiring high oxidation stability.
- Compatible with seal materials used in modern hydraulic system.
- Can be used in enclosed gear systems and circulating system.
- Suitable for hydraulic systems with vane, gear or piston pumps

MEETS PERFORMANCE LEVEL

- Hydraulics HF0 and HF2
- US Steel 127, 136
- Vickers V-104C & 35VQ5 PUMP TEST



FEATURES & BENEFITS

- Increased equipment life due to special anti-wear additive.
- Best performance and reduce downtime from rust and oxidation inhibitor additives.
- Compatible with most pumps of modern hydraulic systems.
- High oxidation stability resists oil thickening for extended oil service life.
- Thermally stable in extreme load and temperature conditions.
- Excellent filterability in the event of water contamination due to high technology formulation. Available in a wide range of viscosity.
- High viscosity index ensures excellent performance over a wide range of temperatures .

HEALTH AND SAFETY

Prolonged and repeated contact with oil may cause skin disorders .In case of skin contact, wash immediately with soap and water. Do not discharge used oils in to drains or environment. Dispose at authorized used oil collection point.

NB: Always store on temperatures between -5° C to 40° C

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PHYSICAL PROPERTIES

ISO VG	Method	units	32	46	68	100	150
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	32.2	46.3	68.0	102	147.2
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	5.52	6.94	10.2	11.56	14.76
Viscosity Index	ASTM D 2270		108	106	135	100	99
Density @ 15 °C	ASTM D 1298	Kg/l	0.865	0.871	0.880	0.889	0.892
Pour point	ASTM D 97	°C	-21	-30	-36	-27	-11
Flash point COC	ASTM D92	°C	212	220	233	240	251



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