



**OPTIMUM**  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



## PRODUCT DATA SHEET (PDS)

# COMET HYDREX HVI 32, 46, 68, 100,150

### DESCRIPTION

Comet Hydrex HVI Oil is characterized by a high viscosity index to minimize viscosity change over a wide temperature range. These oils are recommended for heavy-duty hydraulic applications operating at high pressures and over wide ranges of temperature. Comet Hydrex HVI Oils are formulated from mineral based base oils and fortified with viscosity index improvers, rust inhibitors, anti-wear, anti-foam and oxidation inhibitors to impart optimum performance, these hydraulic oils improve usefulness over a wide operating temperature range and longer service life.

### APPLICATIONS

Mobile and stationary hydraulic systems requiring outdoor anti-wear oil, including excavators, cranes, shovels, drills, crawlers, and boom trucks.

### MEETS PERFORMANCE LEVELS

- Parker Hannifin (Denison) HF-0, HF-1, HF-2
- Eaton-Vickers I-286-S, M-2950-S
- DIN 51524 HVLP



### FEATURES & BENEFITS

- Increased equipment life due to special anti-wear additive.
- Best performance and reduce downtime from rust and oxidation inhibitor additives.
- Excellent hydrolytic stability
- Minimal increase in air entrainment
- 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.

**Optimum Lubricants Ltd.**  
ISO 9001:2015 CERTIFIED  
P.O. BOX 49925 - 00100

Phone: +254 725 872 425  
+254 726 706 398  
Email: [sales@cometoil.com](mailto:sales@cometoil.com)  
Website: [www.cometoil.com](http://www.cometoil.com)





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## PHYSICAL PROPERTIES

ISO VG	Method	Units	32	46	68	100	150
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	32	46.7	68.0	100.5	152
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	6.6	8.7	10.2	13	17
Viscosity Index	ASTM D 2270		168	168	135	126	121
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	232	232	232	232	251

## HEALTH AND SAFETY

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

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

