



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

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

DESCRIPTION

Comet Food Grade Hydraulic oil is formulated with white pharmaceutical grade oils meeting the US FDA21 CFR178.3620 and fortified with FDA approved additives to enhance oxidation stability.

Comet food grade hydraulic oil is engineered to meet the demanding requirements of severe hydraulic systems using high pressure and high output pumps.

APPLICATIONS

- To be used in all types of food processing facilities, hydraulic systems, vacuum pumps, canning, bearings, valves, circulating oil.

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.

MEETS PERFORMANCE LEVELS

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



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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	232	232	232	232	251

HEALTH AND SAFETY

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

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



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