



## OPTIMUS TORQUE HFC

### FIRE RESISTANT HYDRAULIC OIL

#### PRODUCT DESCRIPTION:

Optimus Torque HFC is water glycol hydraulic fluid technology with improved fire resistance while protecting equipment under severe service conditions. It is designed particularly for hydraulic systems utilizing vane, gear and piston hydraulic pumps used in, for example, the steel, aluminum and die-casting industries. It is very shear stable offering enhanced corrosion resistance performance and seal compatibility, providing excellent pump lubrication which can help to extend equipment service life.

#### APPLICATION:

- Hydraulic systems utilizing vane, gear and piston hydraulic pumps
- Hydraulic and oil circulation systems operating in conditions subject to fire hazards

#### FEATURES & BENEFITS:

- Inherent resistance to fire hazards
- Excellent anti-wear properties helping to extend component life
- Long fluid life due to high oxidation resistance

#### PERFORMANCE LEVELS: Meets or Exceeds:

- ISO L-HFC (ISO/DIS 12922)
- FM Global Standard 6930

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	OPTIMUS TORQUE HFC	
ISO VG			46	68
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	46	68
Viscosity Index	ASTM D2270	-	195	196
Pour Point (max)	ASTM D97	°C	-39	-39
pH	D1287	-	9	9
Flash Point	ASTM D92	-	Nil	Nil
Water Content	ASTM D6304	-	40	40

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

#### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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