

## OPTIMUS TORQUE HFDU

### PRODUCT DESCRIPTION:

Optimus Torque HFDU is synthetic polyol-ester based high-performance fire resistant hydraulic fluid. It is developed for severe service in all hydraulic applications where a fire hazard exists and petroleum hydraulic oil would be potentially unsafe. It's excellent stability enable itself to prolong fire-resistant properties and resistance to the formation of sludge or deposits in prolonged service.

### APPLICATION:

Industrial machinery and equipment, Machine tool, Extrusion, Mine, Robot, Oil-drilling equipment etc.

### FEATURES & BENEFITS:

- With its considerable fire resistance properties, is associated exceptional lubricating properties which guarantee a substantial reduction in wear, and therefore a longer service life of the hydraulic components
- High flash point and high spontaneous ignition temperature
- Low pour-point providing good performances at low temperature
- Very high natural viscosity index, guaranteeing a viscosity constantly adapted to the temperature range in which the fluid must be used
- Very good anticorrosion properties in relation to ferrous and non-ferrous metals making up a hydraulic circuit
- Very good oxidation stability: enhanced service life
- The product is not expected to produce adverse effects on health
- Classified as "Non-Toxic" and "Bio-Degradable"
- 

### PERFORMANCE LEVELS:

- Meets and Exceeds:
- ISO 6743/4 HFDU

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	OPTIMUS TORQUE HFDU
ISO VG			46
Appearance	Visual	-	Yellow Transparent
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	46.0
Copper Corrosion @ 100 °C, 3 hrs	ASTM D-130	-	1a
Viscosity Index (min)	ASTM D-2270	-	180
Demulsibility @ 54 °C	ASTM D-1400	minutes	15
Flash Point	ASTM D-92	°C	300

### 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)