

# TIGER PLUS

## HYDRO HV 46

**TIGER HYDRO HV OIL** are premium quality, shear stable, multi viscosity, anti-wear hydraulic fluids which incorporates a special viscosity index improver additives to enhance their viscosity/temperature characteristics. Superior performance in keeping the system clean by reducing the formation of deposits. It also demonstrates good filterability, water separation, and quick air release.

### APPLICATIONS

TIGER HYDRO HV can be used in all hydraulic and fluid power transmission system which are subjected to wide variations in temperatures. This oil is suitable for hydraulic systems, functioning at variable temperatures and high pressures. It can also be used in gear boxes, which require an oil with a high viscosity index and assuring mechanical and chemical stability. Applicable for regulation systems and hydraulic steering.

### FEATURES

Anti-wear, thermal stability and oxidation stability : superior protection, anti-foam properties, excellent anti-foam properties and adequate viscosity stability. High shear stability. Excellent filterability. Rapid air release and corrosion protection.

### SPECIFICATION LEVEL

TIGER HYDRO HV meets and exceeds the performance standards of Denison HFI, HF2, HFO, FORD M-6C32, GM LHH-04-OI, meets Vickers I-2865-S, M-29505, DIN 51524 part 2, CINCINNATI P-68, P-69 and P-70. AFRON NFE 480690 (DRY) ARFRON NFE 48-691 (WET) AFRON NFE 48-603 HM, ISO 11158 HM and 6743-4 HM.

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	46
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	8.2
Viscosity index	ASTM D2270		154
Pour point	ASTM D6892	°C	-27
Flash Point COC	ASTM D92	°C	218
Air release @ 50 oC Max.	ASTM D3427		6

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

**Black Tiger**

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