

# TIGER

## HYDRO 46

**TIGER HYDRO is General Purpose Oil are straight paraffin mineral oil suitable for circulating oil systems including lubrication of large journal bearings and for many industrial hydraulic applications where non additive oils are required. It is also suitable for once through lubrication system and gears not requiring heavy duty oils. It contains anti-wear, anti-oxidant, anti-corrosion and anti-foam additives.**

### APPLICATIONS

TIGER HYDRO is General Purpose Oils are used for lubrication of large journals bearings and many industrial hydraulic applications where non-additive oils are required. This oil is specifically designed to satisfy the requirements of the manufacturers of hydraulic systems where the highest demands are made concerning high pressure, temperatures or speeds. It is recommended for the hydraulic systems of the following types : Vickers, Gerotor, Gresen, HPM, Denison, Cessna, Hydreco and Worthington. It is also suitable for the lubrication of workshop equipment, reducing gears, bearings, compressed air systems and air screw compressors.

### FEATURES

Anti-wear, thermal stability and oxidation stability : superior protection, anti-foam properties, excellent anti-foam properties and adequate viscosity stability.

### SPECIFICATION LEVEL

<b>AFNOR</b>	48-603 HM	<b>DIN</b>	51524 Part 2
<b>AFNOR</b>	NF E 48-603 HM	<b>EATON VICKERS</b>	I-286-S
<b>AFNOR</b>	NF E 48-690	<b>EATON VICKERS</b>	M-2950-S
<b>AFNOR</b>	NF E 48-691	<b>ISO</b>	11158. HM
<b>CINCINNATI</b>	MACHINE P-70 (ISO 46)	<b>ISO</b>	6743-4, HM
<b>DENISON</b>	HF-2		

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	45
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	6.65
Viscosity index	ASTM D2270		99
Pour point	ASTM D6892	°C	-9
Flash Point COC	ASTM D92	°C	218

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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