

# Engen TQH 10 Series

High VI, "Super Stabilised" Anti-Wear Hydraulic Fluids

## Description

Engen TQH 10 Series are premium, high VI, "super stabilised" anti-wear hydraulic oils, with carefully controlled low temperature flow properties. Engen TQH 10 Series hydraulic oils are specifically designed to meet the requirements of modern hydraulic systems including those where the equipment manufacturer specifies the use of anti-wear type hydraulic fluids. Engen TQH 10 Series contain a balanced selection of additives that afford multi-metal compatibility, anti-rust, anticorrosion, anti-foam, and anti-wear protection. These are combined to maintain the good air release, and water separation properties, of the highly refined base oils.

## Application

Engen TQH 10 Series Oils are recommended for Industrial high pressure hydraulic systems using pumps and motors of all designs on mobile and stationary equipment as well as in hydrostatic transmissions, operating under the most severe conditions. The variety of possible applications includes construction, agriculture and mining. Engen TQH 10 Series Oils are also recommended for local marine applications whenever low ambient temperatures or relatively rapid changes from low to high ambient temperatures are encountered.

## Performance Level

AFNOR NFE 48-690/1 (Dry & Wet); AFNOR NFE 48-603; ISO 11158 HV; GM LS-2; Eaton 03-401-2010 (supersedes Vickers I-286-S & M-2950-S); DIN 51524 Part III; Sauer Danfoss 520L0463; USSteel 126, 127 and 136; JCMAS HK; Parker Denison HF0/HF1/HF2; MAG IAS (Cincinnati Milacron) P-68/P-69/P-70

## Benefits

- Superior wet and dry filterability.
- Excellent anti-wear properties.
- Good protection against rust and corrosion.
- Suitable for widely varying temperature conditions.
- Good demulsibility for rapid separation of water.
- Retains viscosity-temperature characteristics in service.
- Full multi-metal compatibility (with the exception of silver).

## Typical Physical Characteristics

Engen TQH	10/15	10/32	10/46	10/68	10/100
Viscosity, cSt @ 40°C	15	33	46	68	96
Viscosity, cSt @ 100°C	3,8	6,5	7,9	10,2	12,5
Viscosity Index, min.	152	152	142	136	125
Pour Point °C max.	-54	-36	-33	-30	-27
ISO VG	15	32	46	68	100
Application Range, °C	-45/72	-28/84	-28/88	-24/92	-17/96

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

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