

## Teboil Hydraulic 46 Max-S

**Teboil Hydraulic 46 Max-S** is premium quality, zinc-free hydraulic oil for machines working under severe temperature conditions and heavy load.

### Applications

Teboil Hydraulic 46 Max-S is specially designed for heavily loaded high pressure hydraulic systems working on wide range of operating temperatures. Typical applications are for example forest machinery, earth moving equipments and other hydraulic systems working under severe conditions.

### Performance features and benefits

Because of high viscosity index and excellent shear stability, the oil has outstanding low and high temperature features. Working under extreme conditions Hydraulic 46 Max-S increases efficiency and improves fuel economy. Modern zinc-free additives offer first-class filterability, excellent anti-wear properties, very good water separation features and long service life.

### Typical physical characteristics

<b>Teboil Hydraulic 46 Max-S</b>		<b>Unit</b>	<b>Method</b>
Density @ 20 °C	861	kg/m <sup>3</sup>	ASTM D 4052
Viscosity @ 40 °C	46	mm <sup>2</sup> /s	ASTM D 445
Viscosity @ 100 °C	9,7	mm <sup>2</sup> /s	ASTM D 445
Viscosity @ -20 °C	1400	mm <sup>2</sup> /s	ASTM D 445
Viscosity -30 °C	4780	mm <sup>2</sup> /s	ASTM D 445
Viscosity index	208		ASTM D 2270
Flash point	185	°C	ASTM D 92
Pour point	-39	°C	ASTM D 97

### Specifications and approvals

ISO VG 46; DIN 51524 part 3 (HVLP); SS 15 54 34

Eaton Vickers I-286-S, M-2950-S; Cincinnati Machine P-70; Parker Hannifin (Denison) HF-0, HF-1, HF-2

Technical data is based on approximate measures. Due to continual product research and development, the information contained herein is subject to change without notification. 7.1.2013

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