



Motorenöle

Motor oils

Getriebeöle

Gear oils

Zweitaktöle und  
Traktorenöle

Two-stroke oils and  
tractor oils

Hydrauliköle

Hydraulic oils

Industrie- und  
Spezialschmierstoffe

Industrial and  
specialty lubricants

## **PENNASOL SUPER TRACTOR UNIVERSALOEL STOU SAE 10W-40**

**PENNASOL SUPER TRACTOR UNIVERSALOEL STOU SAE 10W-40** is a high performance STOU based on modern, unconventional Base-Stocks, which meets the recommendations of well-known tractor manufacturers. Due to the Viscosity-Grade SAE 10W-40 the fast supply of lubricant to all critical areas is guaranteed. The stable lubricant film provides wear protection even at high temperatures. This product can be used for engines, gear boxes and hydraulic-system simultaneously. Likewise, it is suitable for wet brakes and clutches (PTO).

**PENNASOL SUPER TRACTOR UNIVERSALOEL STOU SAE 10W-40** can be used for John Deere engines where the specifications API CF-4 and API CG-4 in conjunction with the viscosity grade SAE 10W-40 is required.

### **ACEA-/API-specifications:**

API CG-4 (obsolete)  
API CF-4 (obsolete)  
API CF (obsolete)  
API CE (obsolete)  
API CD (obsolete)  
API SF (obsolete)  
API GL 4

### **OEM-Approvals:**

ZF TE-ML 06B (\*), 07B (ZF001697)  
Massey Ferguson CMS M1145

### **Meets/suitable for use:**

(Meets the requirements of the OEM-Approval. An approval by name from the manufacturer is not present.)

### **STOU:**

ZF TE-ML 03A, 05K, 06C, 07D  
Massey Ferguson M1144

### **UTTO:**

New Holland NH410B  
Allison C4 (level)  
Caterpillar TO-2 (level)



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Hydraulic:

Sperry Vickers/Eaton M29505, I-280-S  
Sauer Sunstrand/Danfoss Hydrostatic Trans Fluid

**Typical characteristics PENNASOL SUPER TRACTOR UNIVERSALOEL STOU SAE 10W-40:**

(The given data are typical data. Please observe operating prescriptions.)

Parameter	Method	Unit	
<b>SAE class</b>	SAE J 300		10W-40
<b>Density 15 °C</b>	DIN EN ISO 12185	g/cm <sup>3</sup>	0.860 – 0.870
<b>Kin. viscosity @ 40 °C</b>	DIN 51562 -1	mm <sup>2</sup> /s	85.8
<b>Kin. viscosity @ 100 °C</b>	DIN 51562-1	mm <sup>2</sup> /s	13.1
<b>Viscosity index</b>	DIN ISO 2909		152
<b>Total Base Number</b>	DIN ISO 3771	mg KOH/g	11.2
<b>Dyn. viscosity @ -25°C</b>	DIN 51377	mPa*s	5,900
<b>Flash point COC</b>	DIN ISO 2592	°C	min. 220
<b>Pour Point</b>	DIN ISO 3016	°C	-45

**Available Packaging:**

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
<i>PENNASOL SUPER TRACTOR UNIVERSALOEL STOU SAE 10W-40</i>	•	•	•	•	•			

<sup>1</sup>Version 10 – 10/2017

<sup>1</sup> This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AVISTA OIL or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale.