

A multi-purpose STOU (Super Tractor Oil Universal) lubricant for engines, gearboxes, hydraulic circuits or transmissions, with or without immersed brakes, perfectly tailored to agricultural and construction machinery.

## PERFORMANCES

Meets the requirements of the following specifications:

### Multi-purpose:

- FORD ESN M2C-159B (use for CNH)
- JOHN DEERE JDM J27
- MASSEY FERGUSON CMS M1139, M1145 (M1144)

### Transmissions:

- API GL-4/GL-5 (low-speed, high-torque)
- ALLISON C4
- CATERPILLAR TO 2
- ZF TE-ML 06B (covers ZF TE-ML 06C, 06Q and 06R)
- ZF TE-ML 06D (Eccom)
- ZF TE-ML 06F (S-Matic)
- ZF TE-ML 07B
- FORD ESN M2C-159B

### Engine:

- API CF-4/SF/CE
- API CG-4
- ACEA E2-96 Issue 5
- API CI-4/ACEA E7-08 (for Mack T-8E soot test)
- ACEA E7-08 (wear test OM 602LA and piston cleanliness test OM 441LA)
- MAN 271
- MIL-L-2104D

## ADVANTAGES

PRO MULTI SUPER oils are multi-purpose products for agricultural and construction machinery, with enhanced properties and engine performances.

PRO MULTI SUPER oils are STOU lubricants for use in both agricultural and construction machinery, in mechanical transmissions and immersed brakes, in hydraulic circuits and in power take-off circuits.

The increasingly tough constraints placed nowadays on agricultural and construction machinery, in terms of tough conditions of use, of extended oil change intervals and of reducing pollutant emissions would appear to require the use of 2 oils: a high-performance oil for the engine, plus a special oil for transmissions; thanks to its enhanced formulation, PRO MULTI SUPER is tailored to these new engines, enabling you to keep to the STOU concept and have a single oil for all lubrication purposes on this modern agricultural and construction machinery: engine, transmissions, differentials, immersed brakes, hydraulics and power take-off

## USES

Lubricating petrol or Diesel tractor engines.

Mechanical and hydraulic transmissions on all tractors, threshing harvesters and construction machinery where the manufacturer recommends using a multi-purpose oil.

Characteristics	Standards	Units	Values	
			10W-30	10W-40
Grade	-	-	10W-30	10W-40
Density at 15°C	NF T 60-101	kg/m <sup>3</sup>	879	878
Kinematic viscosity at 40°C	NF T 60-100	mm <sup>2</sup> /s	-	96
Kinematic viscosity at 100°C	NF T 60-100	mm <sup>2</sup> /s	10.9	14.5
Viscosity index	NF T 60-136	-	149	156
Viscosity at -25°C	ASTM D 2602	mPa.s	-	6400
COC flash point	NF T 60-118	°C	218	228
TBN (alkaline reserve)	ASTM D 2896	mg KOH/g	11	10.8
Pour point	NF T 60-105	°C	-32	-35

*The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.*

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