

## GOLDENSTONE® STOU SAE 10W-30/10W-40/15W-40

### Technical Data Sheet (TDS) UNIVERSAL TRACTOR OILS

#### Description and Application

The Super Tractor Oils Universal **Goldenstone® STOU** are unique products formulated with selected high quality solvent refined, hydrotreated and synthetic base stocks, and a specially designed intricate performance additive package to impart to the finished lubricants all those complex properties, required by STOU oils.

**Goldenstone® STOU** oils are unique thanks to their extensive and diverse lubricating properties. These oils are developed to lubricate the engine, transmission, final drive/s, wet brakes, clutches, and hydraulic system/s of farm tractors and equipment currently in service.

**Goldenstone® STOU** oils are recommended for some off-highway construction vehicles and equipment, too.

#### Benefits

- Safeguard the engine cleanliness
- Excellent anti-wear, anti-scuffing and anti-seizure properties
- Supreme thermal, oxidation and shear stability
- Very good compatibility with all types of utilized seals
- Excellent anti-foaming properties, to prevent any sump overflow as well pump cavitation
- Special frictional characteristics ensuring progressive, efficient and silent operation of brake and clutch systems
- Reduce the products that have to be kept in stock and eliminate the possibility of erroneous application of lubricants in different units

#### Specifications

	SAE 10W-30	SAE 10W-40	SAE 15W-40
ACEA	E2		
API	CG-4/CF-4/CF/CE/SF		
API	GL-4		
MB	228.3/228.1/227.1		
MAN	271		
MIL-L	2104D	-	2104D
Ford	M2C159-B	-	-
John Deere	JDM J27	-	JDM J27
Massey Ferguson	CMS M1139/M1144/M1145		
Allison	C-4 (Automatic transmission applications)		
ZF TE-ML	06B/06C/ 06D/07B	06B/06C/ 06D/07B	06B/06C/ 07B
Caterpillar TO-2	TO-2		

#### Typical Characteristics

Parameter	Test Method	Typical Value		
		SAE 10W-30	SAE 10W-40	SAE 15W-40
Density at 20°C, g/ml	EN ISO 3675	0.870	0.870	0.881
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	10.2	14.5	14.8
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	65.6	97.1	109.6
Viscosity Index	ISO 2909	142	155	140
Flash point COC, °C	EN ISO 2592	-36	-36	-30
Pour point, °C	ISO 3016	224	226	232
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D2896	10.5		
Sulfated Ash, %	EN ISO 3987	1.55		

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

## Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

[www.goldenstoneoils.com](http://www.goldenstoneoils.com)

## Packages

20L, 210L, 1000L

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