



# Super Tractor Multigrade

Efficient performance multigrade Super Tractor Oil Universal (STOU)

Product Data Sheet

## Product description

Super Tractor SAE 15W-40 is an efficient performance multigrade Super Tractor Oil Universal (STOU), designed for use in tractor crankcases, final drives and hydraulic systems.

Super Tractor has a mineral oil base and a balanced additive package combination formulated to offer versatile multiservice application.

## Product benefits

- Multi-application additive package allows use in tractor engines, transmissions, final drives and hydraulic systems, cutting inventories, costs and costly misapplications
- Friction modifiers ensure smooth, quiet wet brake and power take-off operation minimising squawk and chatter
- Low temperature fluidity allows rapid oil circulation at cold start-up, protecting components against wear
- Shear stability ensures viscosity retention throughout oil service life
- Oxidation stability prevents oil thickening, sludge and lacquer formation and acid attack on vulnerable components
- Compatible with a wide range of elastomers, preventing fluid loss through seal deterioration

## Applications

- Super Tractor is specifically designed for use in engines, transmissions, rear axles and hydraulic systems of agricultural tractors and associated equipment where a "Super Tractor Oil Universal" (STOU) is required. It may also be used in applications calling for a "Universal Tractor Transmission Oil" (UTTO). It is not recommended in heavy-duty powershift transmissions where a Caterpillar TO-4 fluid is specified - for these applications, use Caltex Torque Fluid 454

## Product highlights:

- Versatile multi-application
- Reduces squawk and chatter
- Resists wear, corrosion and oxidation
- Selected specification standards include:
  - API
  - CCMC
  - US Military
  - Ford
  - John Deere
  - Massey Ferguson (GIMA)
  - ZF

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Global Lubricants



- Super Tractor may also be used in mobile hydraulic systems and in mobile or stationary diesel engines. It is not suitable for use in all modern high performance engines - please check the minimum requirements in the vehicle's handbook

## Approvals and performance specifications

### Performance specifications

• API	CF-4	Meets requirements
• API	GL-4 (low speed-high torque applications)	Suitable for application
• CCMC	D4	Meets requirements
• US Military	MIL-L-2104D	Meets requirements
• US Military	MIL-L-46152B	Meets requirements
• Ford	ESN-M2C134-D	Suitable for application
• Ford	ESN-M2C159-B	Suitable for application
• John Deere	JDM J20C	Suitable for application
• John Deere	JDM J27	Meets requirements
• Massey Ferguson (GIMA)	CMS M1135	Suitable for application
• Massey Ferguson (GIMA)	CMS M1139	Meets requirements
• Massey Ferguson (GIMA)	CMS M1144	Meets requirements
• Massey Ferguson (GIMA)	CMS M1145	Meets requirements

### Approvals

• ZF	TE-ML 06B	Approved
• ZF	TE-ML 07B	Approved



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continued

## Typical test data

SUPER TRACTOR MULTIGRADE TEST	TEST METHODS	RESULTS
<b>Viscosity Grade</b>		<b>15W-40</b>
<b>Product Code</b>		<b>500421.8</b>
Viscosity, Kinematic, 100 °C, mm <sup>2</sup> /s	ASTM D445	15.1
Viscosity, Kinematic, 40 °C, mm <sup>2</sup> /s	ASTM D445	113
Viscosity Index	ASTM D2270	139
Viscosity, Brookfield, -18 °C, mPa.s	ASTM D2983	9700
Cranking Viscosity, -20 °C, mPa.s	ASTM D5293	6750
Pumping Viscosity, -25 °C, mPa.s	ASTM D4684	25300
Density, 15 °C, kg/l	ASTM D4053	0.884
Flash Point COC, °C	ASTM D92	224
Pour Point, °C	ASTM D97	-33
Copper Corrosion, 3h, 100 °C	ASTM D130	1a
<b>FZG Gear Wear Test</b>	CEC L7A95	
- Failure load stage		>12
<b>Sulphated Ash</b>	-	0.14

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)