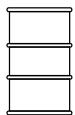


Product	Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30
Summary	<p>Product description</p> <p>Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30 is an extra high-performance universal tractor transmission oil (UTTO), formulated with high-quality hydro-treated base oils and a multifunctional additive system. It is designed to meet or exceed hydraulic and transmission fluid requirements, and to reduce wet brake and power take-off (PTO) chatter. It ensures excellent performance in agricultural and commercial tractors operating in a wide range of environments and conditions, and is particularly useful in equipment where a common lubrication system supplies oil for different applications.</p>

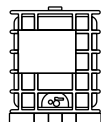
Available sizes



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also
available
in bulk

Applications

Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30 is suitable for use in:

- Transmission and hydraulic systems, wet brakes and final drives of tractors and other agricultural or forestry equipment with common lubrication systems, where a UTTO type lubricant is required.

Features and benefits

- A multifunctional oil for hydraulic, transmission and wet brake systems, and suitable for high power tractors.
- Excellent shear stability ensures good viscosity retention even in conditions of high temperature and heavy load, and prolongs the service life of hydraulic transmission systems.
- Outstanding fluidity and good low-temperature properties ensure smooth start up and operation even in cold weather.
- A special friction modifier ensures smooth action in wet brakes and power take-off clutches, minimises vibration, chatter, stick-slip and squawk, and prolongs service life.
- Good anti-wear performance protects moving parts from wear and metal fatigue, ensures long equipment life, and provides excellent protection against gear scuffing, pitting and wear in applications where an API GL-4 product is required.
- Excellent thermal and oxidation stability minimise the formation of deposits that could lead to component wear, and also ensure longer oil life.
- Excellent protection against rust and corrosion, increases the service life of system components.
- Good antifoaming properties ensure optimum oil film thickness is maintained and reduces oil leakage from the system.
- Good compatibility with most common seals and elastomer materials used in agricultural equipment, prolongs seal life and reduces leakage.

Product Data Sheet

Typical data

Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30	
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	60.63
cSt @ 100°C	10.01
Brookfield viscosity, ASTM D 2983	
cP @ -35°C	22826
Pour point, °C, ASTM D 97	-46
Flash point (COC), °C, ASTM D 92	240
Density @ 15°C, kg/l, ASTM D 4052	0.863

These data are given as an indication of typical values and not as exact specifications.

Industry and OEM specifications

Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30 meets the performance requirements of the following industry specifications:	
API Service Classification	Automotive Gear Lubricant: GL-4

Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30 meets the performance requirements of the following OEM specifications:	
Allison	C-4 (agricultural applications only)
CNH	MAT 3525, MAT3540, MAT3541
Caterpillar	TO-2
John Deere	JDM J20C
Kubota	UDT
AGCO	CMS1145
Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30 holds the following formal OEM approvals:	
ZF	TE-ML-03E, TE-ML-05F, TE-ML-06K, TE-ML-17E, TE-ML-21F
Volvo	WB101

Accuracy of information

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet.

Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

Product and environmental safety

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDSs are available from your local distributor. Do not use the product in applications other than those suggested.

As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

The SINOPEC trademark is registered and protected.

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Sinopec Hydraulic Transmission Multifunctional Fluid 10W-30