

G-Special UTTO 10W-30

Multipurpose tractor oil

UNIVERSAL Multipurpose

POWERSHIFT Powershift transmissions



Hydraulic Systems



Enhanced frictional properties



Anti-wear properties



Mineral

G-Special UTTO 10W-30 is the "universal tractor transmission oil" (UTTO) designed to provide a lubrication in transmissions, hydraulic systems, oil-immersed brakes and other system of agricultural tractors and off-road equipment. G-Special UTTO 10W-30 combines select base oils and an advanced additive package to deliver the varied lubricant performance properties required in severe duty applications of agricultural and construction equipment drive trains. The advanced technology is designed to optimize the performance of equipment operating in a wide range of environments and conditions.

Applications



- Heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, oil-immersed brakes and hydrostatic drives
- Off-highway equipment specifying UTTO oils including agriculture, construction, and quarrying applications. Suitable for John Deere, Massey Ferguson, Case New Holland equipment
- Not applicable for unites where TO-4 oils are specified

Features	Advantages and Potential Benefits
Strong anti-wear properties	Reduces wear, extends equipment life, and reduces maintenance costs
Enhanced frictional properties	Optimized clutch and power takeoff performance and improved wet brake control
Excellent thermal and oxidation stability	Reduces deposits, extends seal life, and increases service life of equipment and lubricant
Excellent protection against rust and corrosion	Protects equipment in wet or humid environments and prevents premature wear
Compatible with clutch materials and elastomers	Longer clutch life and reduced leakage
Multipurpose capability	Simplifies inventory and reduces misapplication problems

Meets the requirements:

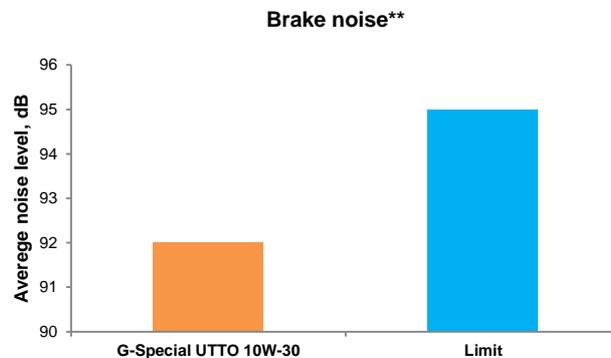
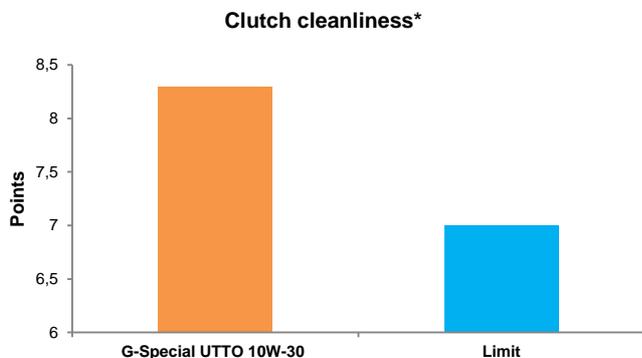
- Allison C-4
- API GL-4
- ZF TE-ML 03F, 06K
- Massey Ferguson CMS M1143
- New Holland CNH MAT 3525
- John Deere JDM J20C/D

Approvals:

- Massey Ferguson CMS M1143/M1145
- Volvo 97303 (WB 101)
- ZF TE-ML 03E, 05F, 17E, 21F

Typical Characteristics

Properties	Method	G-Special UTTO 10W-30
SAE Viscosity Grade	SAE J300	10W-30
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	57,8
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	9,7
Viscosity Index	ASTM D2270	152
Brookfield Viscosity @-35°C, mPa·s	ASTM D2983	50000
Flash Point (COC), °C	ASTM D92	228
Pour Point, °C	ASTM D97	-37
Density @15°C, kg/m ³	ASTM D4052	886



*Allison C4 (THOT); ** Volvo Axle Brake Noise Test

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.