

# DF UTTO

## High Quality Universal Transmission Oil for Agricultural Application

High Quality “Universal Tractor Transmission Oils” (UTTO) designed for use in transmissions with integrated hydraulic systems, differential gear, final drives and oil immersed brakes, front drive-axes and other ancillary systems fitted to all tractors of Same Deutz-Fahr and any other brand.

### Applications

- Tractor Transmissions**  
**DF UTTO** is particularly designed for use in transmission of all DF Tractors but also for tractors of majority of other manufacturers including John Deere, Massey Ferguson, Case-New Holland and others.
- Hydraulic Systems**  
**DF UTTO** is ideally suited for hydraulic systems of tractors and ancillary equipment. **DF UTTO** is formulated using specially selected additives and high quality base oils to provide good low temperature fluidity and wear protection.
- Oil Immersed Brakes**  
 Special friction modifying additives are included in **DF UTTO** to ensure optimum performance of oil-immersed brakes whilst minimising brake noise. **DF UTTO** is recommended for most wet brake systems fitted to agricultural tractors.

**Warning:** *Not to be used as an engine oil*

### Performance Features and Benefits

- Enhanced Protection**  
 Excellent anti-oxidation, anti-wear, anti-corrosion and anti-foam characteristics leading to greater reliability and reduced down time in order to minimising cost and maximising utilisation
- Operator Comfort**  
 Smooth gearshift performance and responsive hydraulic performance from cold starts. Noise-free operation of oil immersed brakes for outstanding comfort for the operator.

### Specification and Approvals

SAE J 300	10W-30
SAE J 306	85W
API Gear Performance	API GL-4
Ford New Holland	M2C-134D
	FNHA-2-D.201.00
John Deere	JDM-J20C
Massey-Ferguson	CMS 1143, 1145
ZF TE-ML	03E, 05F, 06B*), 06D*), 06F*)

\*) Approval in progress

### Typical Physical Characteristics

Properties			Method	DF UTTO
Viscosity Grade				10W-30
Kinematic Viscosity	at 40°C	mm <sup>2</sup> /s	ISO 3104	60
Kinematic Viscosity	at 100°C	mm <sup>2</sup> /s	ISO 3104	9.4
Viscosity Index			ISO 2909	136
Density	at 15°C	Kg/m <sup>3</sup>	ISO 12185	882
Shear Stability			KRL (20 hrs)	1
Flash Point	(COC)	°C	ISO 2592	220

These characteristics are typical of current production.

### Advice

Advice on applications not covered in this leaflet may be obtained from your DF Representative.

### Health and Safety

DF UTTO is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your DF Representative.

### Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.