

## FLUID HIS

FLUID FOR TRANSMISSIONS, HYDRAULICS AND WET BRAKES



### OFF-ROAD RANGE

UTTO OIL  
MINERAL

Mineral

Semi-  
synthetic

Synthetic

100%  
synthetic

### STANDARDS AND SPECIFICATIONS

API GL-4  
CASE MS 1205/1206  
FORD M2C-53A/86B/134D  
MASSEY FERGUSON CMS M1143  
FNHA-2-C-201.00

Oxidation resistance



Shear stability



## APPLICATIONS

**FLUID HIS** is the latest generation UTTO (Universal Tractor Transmission Oil) oil for lubricating all-season mechanical components of tractors, farming machinery, and related equipment.

**FLUID HIS** was developed to lubricate:

- Mechanical transmissions such as gearboxes, differentials, powered axles and converters
- Hydraulic systems of certain forklift trucks
- Wet disc brakes

## BENEFITS

- Remarkable **anti-wear properties and performance under extreme pressure** ensuring good lubrication of transmission and hydraulic circuit components.
- **Low pour point** ensuring good operability at low temperatures.
- **Anti-corrosion and anti-rust properties** for protecting metals and alloys of mechanical components.
- **Compatibility with joints:** no deformation or damage to joints, ensuring that components remain totally sealed.

## PERFORMANCE

### APPROVALS

Approval certificates available on request

**MASSEY FERGUSON CMS M1143 / P / 065**

### PERFORMANCE LEVELS

API GL-4  
ALLISON C4  
CASE MS 1205/1206  
CATERPILLAR TO-2  
FENDT  
FNHA-2-C-201.00  
FORD M2C-53A/86B/134D  
JOHN DEERE JDM J20A/J20C  
MASSEY FERGUSON CMS M1129A / M1135

### EXPERIENCE IN OPERATIONAL USE

LANDINI UTTO (I-ENG-D-302)  
SAME DEUTZ FAHR (SDF) UTTO



## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade (according to J300)	-	-	<b>10W-30</b>
SAE grade (according to J306)	-	-	<b>80W-30</b>
Density at 15°C	kg/m <sup>3</sup>	NF T 60101	886
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60100	69
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60100	11
Viscosity index	-	NF T 60136	150
Brookfield viscosity at -18°C	mPa.s	NF T 60152	3450
Pour point	°C	NF T 60105	-42
Flash point	°C	NF T 60118	220

*The above data are provided on an indicative basis only.*

## HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with the rules governing the disposal of used lubricants.

**Must be stored away from bad weather conditions.**

For further details, our Technical Department is available to assist you.