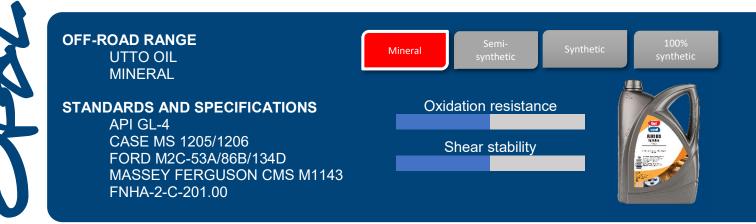
TECHNICAL DATA SHEET

FLUID HIS FLUID FOR TRANSMISSIONS, HYDRAULICS AND WET BRAKES

LUBRIFIANTS



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

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- > 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.
- \geq **Compatibility with joints:** no deformation or damage tojoints, 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

www.unil-opal.com

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TECHNICAL DATA SHEET



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade (according to J300)	-	-	10W-30
SAE grade (according to J306)	-	-	80W-30
Density at 15°C	kg/m3	NF T 60101	886
Kinematic viscosity at 40°C	mm²/s	NF T 60100	69
Kinematic viscosity at 100°C	mm²/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.

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