



FLUID MVZ

FLUID FOR TRANSMISSIONS, HYDRAULICS AND WET BRAKES



OFF-ROAD RANGE

UTTO OIL
SYNTHETIC

Mineral

Semi-synthetic

Synthetic

100%
synthetic

STANDARDS AND SPECIFICATIONS

API GL-4
JOHN DEERE J20A/J20C
KUBOTA UDT
MASSEY FERGUSON CMS M1145
VOLVO WB 101
ZF TE-ML 05F /17E /21F

Oxidation resistance



Shear stability



APPLICATIONS

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

FLUID MVZ was developed to lubricate:

- Mechanical transmissions such as gearboxes, differentials, powered axles and converters
- Hydraulic systems and hydrostatic steering systems
- Wet disc brakes

BENEFITS

- **Excellent oxidation resistance**, thanks to the use of specially refined synthetic base oils which ensure optimal lubrication throughout the service life of the oil. Significant extensions in oil change intervals.
- **High thermal stability**, ensuring circuit cleanliness and smooth operation of mechanical components at high temperatures.
- Remarkable **anti-wear properties and performance under extreme pressure** ensuring good lubrication of transmission and hydraulic circuit components.
- **Very good performance in cold weather conditions**, thereby improving the fluidity and protection of friction discs from sticking.
- **Good friction properties**, ensuring that brake and clutch systems operate progressively and efficiently with no noise.
- **Anti-corrosion and anti-rust properties** for protecting metals and alloys of mechanical components.
- **Neutral to seals**

OPAL
MVZ
OPAL
MVZ



PERFORMANCE

APPROVALS

Approval certificates available on request

MASSEY FERGUSON CMS M1145-01/K/276
VOLVO CE WB 101
ZF TE-ML 05F / 17E / 21F (ZF003565)

PERFORMANCE LEVELS

API GL-4
ALLISON C4
AGCO WHITE FARM Q-186
AGCO POWERFLUID 821XL
CASE MS 1209 (IH Hy-Tran Ultra)
CASE 1206/1207/1210
CATERPILLAR TO-2
CNH MAT 3505/3506/3525
FNHA-2C-201.00
FORD M2C 86B/C/134D
HYSTER HCE 102
JOHN DEERE J20A/J20C
KUBOTA UDT
MASSEY FERGUSON 1135/1141/1143
PARKER DENISON UTTO/THF
RENAULT/CLAAS
SAME DEUTZ FAHR
ZF 03E, 06K

EXPERIENCE IN OPERATIONAL USE

JCB 4000/0500
KOMATSU KES 07.866 (AXO80)
LANDINI UTTO (I-ENG-D-302)

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade (according to J300)	-	-	10W-30
SAE grade (according to J306)	-	-	80W-
Density at 15°C	kg/m ³	NF T 60101	864
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	65.2
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	9.8
Viscosity index	-	NF T 60136	134
Brookfield viscosity at -18°C	mPa.s	NF T 60152	3495
Pour point	°C	NF T 60105	-36
Flash point	°C	NF T 60118	222

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.