



XANTHOS ULTRA 10W40

MULTI-PURPOSE LUBRICANT FOR TRACTORS AND PUBLIC WORKS MACHINERY



OPAL

7111

OPAL

7111

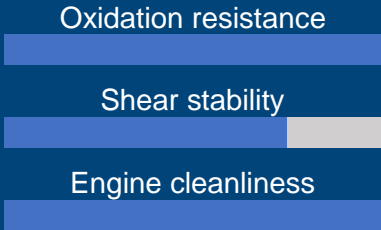
OFF-ROAD RANGE

STOU OIL
SYNTHETIC
SAE 10W-40

Mineral	Semi-synthetic	Synthetic
---------	----------------	-----------

STANDARDS AND SPECIFICATIONS

ACEA E2/E7 (piston test)
API CE/SF/CF-4/CG-4
API GL-4/GL-5 (FV, CE)
FENDT VARIO
MASSEY FERGUSON CMS M1145
ZF TE-ML 06B / 07B



APPLICATIONS

XANTHOS ULTRA 10W40 is the latest generation multi-purpose synthetic oil (STOU type) for lubricating all-season mechanical parts and components of tractors, farming machinery and related equipment.

XANTHOS ULTRA 10W40 is suitable for lubricating all types of engines (petrol/diesel), supercharged or not, and particularly those complying with the TIER I or II pollution (clean-up) standards.

XANTHOS ULTRA 10W40 is also perfectly suited for lubricating:

- Mechanical transmissions equipped with wet disc brakes
- Gearboxes, differentials, powered axles, coupling converters, speed reducers, etc.
- Lifting gear and hydraulic circuit supports
- Power take-off and multi-disc clutches operating in oil
- Hydrostatic steering systems

BENEFITS

- **Excellent oxidation resistance**, thanks to the use of especially refined base oils which ensure optimal lubrication throughout the oil's service life. Significant extensions of oil change intervals.
- **Very good thermal stability**, ensuring very good lubrication of hot parts of the engine even in summer time.
- **Fluidity at low temperatures**, the SAE 10W viscosity facilitates vehicle starts at low temperatures and reduces response times of hydraulic control systems.
- **Exceptional resistance of the oil film** to high temperatures. The SAE hot temperature grade guarantees a permanent oil film between metal parts, thereby protecting all metal components.
- Remarkable **anti-wear capability** for prolonging engine life, transmission and hydraulic circuit components.
- **Good friction properties** ensuring that brake and clutch systems operate progressively and efficiently with no noise.
- **High detergent and dispersing power**, preventing the formation of deposits, thereby keeping the engine clean.
- **Anti-corrosion and anti-rust properties** for protecting metals and alloys of mechanical components.
- **Neutral to seals**
- **Streamlining and simplification** of the supply and storage of lubricants.



PERFORMANCES

APPROVALS

Approval certificates available on request

MASSEY FERGUSON CMS M1145-01/K/278
ZF TE-ML 06B, 07B (ZF003673)

ENGINE

ACEA E2-96 Issue 5
ACEA E4-08 (wear test)
ACEA E7-08/API CI-4 (for controlling soot)
ACEA E7-08 (piston cleanliness test)
API CE/SF/CF-4/CG-4
CCMC D4/G2
MIL-L-2104 E/46152C
MB 227.1/228.1/MB 228.3 (piston cleanliness test)
MAN 271

MULTI-PURPOSE

MASSEY FERGUSON MF 1139/1144
JOHN DEERE J27
FORD M2C 159B/C

MECHANICAL TRANSMISSIONS AND WET BRAKES

API GL-4 / GL-5 (high torque/low speed)
MIL-L-2105
ALLISON C4
CATERPILLAR TO-2
FENDT VARIO
FORD M2C 86B/134D
FORD FHNA 2C 201.00
JOHN DEERE J20A/J20C
MASSEY FERGUSON MF 1127A/1135
ZF TE-ML 06A/06C/06Q/06R

HYDRAULIC

ISO 6743-4 HV/NFE 48603 HV ISO VG 68/100

PERFORMANCE LEVELS

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	10W-40
Density at 15°C	kg/m3	NF T 60101	866
Kinematic viscosity at 40°C	mm ² /s	NF T 60100	86.63
Kinematic viscosity at 100°C	mm ² /s	NF T 60100	13.08
Viscosity index	-	NF T 60136	151
CCS viscosity at -25°C	mPa.s	NF T 60152	5779
Pour point	°C	NF T 60105	-33
Flash point	°C	NF T 60118	220
TBN	mg KOH/g	ASTM D 2896	12

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.

Keep away from bad weather conditions.

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

www.unil-opal.com