

TECHNICAL PRODUCT SHEET

ECO AGR R² UTTO 10W—30



DESCRIPTION

ECO AGR R2 UTTO is a universal tractor transmission oil formulated with high-quality re-refined base oils and a carefully optimized additive package. Designed for all-year use in agricultural and off-road equipment, it provides reliable lubrication for transmissions, hydraulic systems, axles, and wet brake components. The use of re-refined base stocks significantly reduces the lubricant's carbon footprint while maintaining the performance, durability, and fluidity expected from premium UTTO-grade oils.

APPLICATIONS

ECO AGR R2 UTTO is suitable for a wide range of tractor and agricultural machinery systems, including mechanical transmissions, hydraulic pumps, power steering units, PTO drives, wet brakes, and immersed brake clutches. It is ideal for tractors, harvesters, sprayers, forestry equipment, and construction machinery requiring UTTO-type fluids meeting API GL-4 or equivalent OEM performance levels. Its versatility makes it a practical choice for mixed-fleet operators.

SPECIFICATIONS

API	GL-4
AFNOR	NF E48-603 HM
AGCO	Permatran 821XL, Powerfluid 821XL
ALLISON	C-4, C-3, C-2
CASE INTER/NAL HARVESTER	Hy-Tran B-6
CATERPILLAR	TO-2
CNH (Case New Holland)	MAT 3525, MAT 3526, MAT 3505, MAT 3510, MAT 3540
DENISON (Parker)	HF-0, HF-1, HF-2
DEUTZ ALLIS	Power Fluid 821XL, 25741, 25743, 246634, 272843
DIN	51524 Part 2 HLP
DRESSER	Under Recommendation
EATON	35VQ25
EATON	35VQ25
FIAT Hesston	AF-87
FORD	M2CA-C, ESN M2C-41, ESN M2C-41A, ESN M2C-41B, ESN M2C-43, ESN M2C-48B
FORD	ESN M2C-48C, ESN M2C-53A, ESN M2C-53B, ESN M2C-77A, ESN M2C-78A
FORD	ESN M2C-79A, ESN M2C-86A, ESN M2C-86B, ESN M2C-86C, ESN M2C-92A
FORD	ESN M2C-134A-D, ESN M2C-142A, ESN M2C-143, ESN M2C-159A, ESN M2C-159C
FORD NEW HOLLAND	FNHA-2-C-200.00, FNHA-2-C-201.00, M4864A, M4864B
IMT	(Industry of Machinery and Tractors)
J.I CASE/CASE Int	MS-1204-1205 (Powergard PF), MS-1206 (Powergard PFT), MS-1207
J.I CASE/CASE Int	MS-1209 (HyTran Ultra or MultiTran), MS-1210, MS-1216, MS-1230 (Poclairn), MS-1317
J.I CASE/CASE Int	MS-143, MS-144, MS-145 (TCH Fluid), MS-185 (TFD Fluid)
J.I.CASE	O-Matic Type A
JCMAS	HK P041, HK P042
JOHN DEER	J20D, J20C, J20B, J20A, J14C, J14A, J21A



TECHNICAL PRODUCT SHEET

KOMATSU	KES 07.866, KES 07.868.1, AXO80
KUBOTA	UDT, Super UDT, Super UDT2
LANDINI	Under Recommendation
MASSEY FERGUSON	M-1145 (<i>Approved</i>), M1135 (Permatran III), M-1141, M-1143, M-1138, M-1129, M-1129A,
MASSEY FERGUSON	M-1127, M-1127A, M-1127B, M-1110, M-1103A, M-1103B
NEW HOLLAND	NH 410B
RENK-DOROMAT	87.3 & 874A/B
SAUER SUNSTRAND/DANFOSS	HydroStatic Trans Fluid
SPERRY VICKERS/EATON	M2950S Mobil Hydraulics, I-286S Industrial Hydraulics
STEIGER	HTF (SEMS 17001)
VALTRA	G2-08, G2-B10
VOLVO	WB101/97303 (STD 1273,03) (<i>Approved</i>), VCE 1273.03
WHITE/MINNEAPOLIS- MOLINE/OLIVER/NEW IDEA	55, 5J, Q-1705, Q-1722, Q-1766, Q-1766B, Q-1802, Q-1826
ZF	TE-ML 03E, TE-ML 05F

PROPERTIES

ECO AGR R2 UTTO provides strong viscosity stability under high shear, smooth clutch and brake engagement due to optimized friction characteristics, and dependable wear protection. It contains extreme-pressure and anti-squawk additives and maintains compatibility with modern clutch materials and elastomers.

BENEFITS

ECO AGR R2 UTTO delivers excellent hydraulic responsiveness, improved brake and PTO performance, and enhanced component life under heavy operating loads. By using high-quality re-refined base oils, it lowers environmental impact while ensuring reliable lubrication, making it an efficient and sustainable choice for agricultural and off-road machinery.

PHYSICAL-CHEMICAL CHARACTERISTICS

ECO AGR R2 UTTO	METHOD	SAE 10W-30
Density at 15°C, g/cm ³	ASTM D4052	0.861
Viscosity, Kinematic (cSt) 40°C	ASTM D445	63.2
Viscosity, Kinematic (cSt) 100°C	ASTM D445	10.2
Viscosity index	ASTM D2270	149
Flash point, COC, °C	ASTM D92	210
Pour point, °C	ASTM D97	-39
TBN, mgKOH/g	ASTM D2896	8.5
Brookfield Viscosity, cP (@-18°C)	ASTM D2983	21,500

The above mentioned characteristics represent mean values.

STORAGE



TECHNICAL PRODUCT SHEET

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

