



RW

Oil

motor
Lubricants Antifreeze
Industrial Marine

RW DRIVE FORCE UTTO

DESCRIPTION

Premium “universal tractor transmission oils” (UTTO) designed for use in transmissions, hydraulic systems, oil immersed brakes and other ancillary systems fitted to agricultural tractors and off-road equipment.

APPLICATIONS

- **Agricultural Tractors Transmissions**

RW Drive Force UTTO has been evaluated against the latest requirements of leading tractor and transmission manufacturers.

- **Hydraulic Systems**

RW Drive Force UTTO is ideally suited for hydraulic systems of tractors and ancillary equipment. RW Drive Force UTTO is formulated using specially selected additives and high quality base oils to provide good low temperature fluidity and wear protection.

- **Oil Immersed Brakes**

Special friction modifying additives are included in RW Drive Force UTTO to ensure optimum performance of oil immersed brakes whilst minimising brake noise. RW Drive Force UTTO is recommended for most wet brake systems fitted to agricultural tractors.

- **Warning: Not to be used as an engine oil**

PERFORMANCE PERFORMANCE FEATURES AND BENEFITS

- **Enhanced Protection**

Excellent anti-oxidation, anti-wear, anti-corrosion and anti-foam characteristics result from the use of the latest additive technology leading to greater reliability and reduced down time thus minimising cost and maximising utilisation.

- **Operator Comfort**

The excellent low temperature fluidity characteristics of RW Drive Force UTTO results in responsive hydraulic performance and smooth gearshift performance from cold starts. Friction modifying additives ensure smooth, noise-free operation of oil immersed brakes.

SPECIFICATIONS AND APPROVALS

API GL-4; Ford M2C134-D; CNH MAT 3525; John Deere J20C; Massey Ferguson M1135/M1143; Volvo WB 101; Allison C4; Cat TO-2; Case MS1206/MS1207/MS1209; NH 410B; ZF TE-ML 03E/05F/06K

ADVICE

Advice on applications not covered in this leaflet may be obtained from your RW™ Representative.

STORAGE

The product shall be stored in a closed container in a dry and clean place, away from flammable materials, heat sources, and direct sun light. The recommended storage temperature is 5–35°C, unless indicated otherwise.

Do not freeze the product. Observe the first in first out warehousing principle. Recommended shelf life is 5 years.

HEALTH AND SAFETY

The product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate RW™ Product Safety Data Sheet.

Residues shall be utilized according to Directives EC 91/156, 91/689, and 94/62.

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTY	METHOD	RW DRIVE FORCE UTTO
Density at 15°C, kg/m ³	ASTM D4052	883
Viscosity at 40°C, mm ² /s (sSt)	ASTM D7042	67,00
Viscosity at 100°C, mm ² /s (sSt)	ASTM D7042	10,70
Viscosity Index	ASTM D2270	147
Flash Point (COC), °C	ASTM D92	225
Pour Point, °C	ASTM D97	-36
Total Base Number, mg·KOH/g	ASTM D2896	7,30
Sulphated Ash, %	ASTM D874	1,19

These characteristics are typical of current production. Whilst future production will conform to RW™'s specification, variations in these characteristics may occur.