

PRODUCT INFORMATION



Lubricants - Agricultural

Version: 703/14

Valvoline™ UNITRAC SAE 80W

Unitrac is a premium multi-purpose fluid designed for year-round service in tractor hydraulic systems, transmissions, and differentials with wet brake systems. The product is **not** designed for use as an engine lubricant. Valvoline Unitrac protects against wear and corrosion of tractor components and has excellent friction properties.

(Gear oil viscosity SAE 80W is approximately motor oil viscosity SAE 10W-30).

O.E.M. Approvals
ZF TE-ML 03E, 05F, 06D, 06K, 06N, 06R, 17E, 21F (ZF002041)
Performance levels:
API GL-4
Allison C3, C4
Case MAT 3505
CNH MAT 3540*
Ford M2C-134 A/B/C/D, M2C-86B/C
Ford/New Holland FNHA-2-C-200.00 (hydraulic oil 134)
Ford/NewHolland FNHA-2-C-201.00 (M2C-134D).
John Deere J20 A/B/C, J14B/C, J21A
Komatsu
Kubota UDT
Massey Ferguson M-1135, M-1141, M-1143, M-1145
Steiger SEMS 17001
Versatile 23M, 24M
Volvo 97303 (WB101)
White Farm (AGCO) Q-186

* out of warranty equipment

Applications

This product is for universal tractor lubrication; gearbox, differential, hydraulic system and wet brakes, *not for the engine*.

The products friction properties are adjusted to the use in differentials with wet brakes. Earthmoving machines and Forklifts of the latest generation now use Unitrac 80W for their differentials with wet brakes.

The product is suitable for use in applications like mowers, balors, and plows with hydraulic activation. Always check if the oil of the external equipment can be mixed with the oil of the tractor.

Also combine harvesters use Unitrac 80W in their transmissions, hydraulic systems and final drives.

Features & Benefits

Wear protection

Valvoline Unitrac 80W (10W-30) is specially formulated for agricultural use, adjusted to different circumstances like low speed/high torque. The carefully chosen base oils and additive system form a protective oil film for all the tractor components.

Tractor component cleanliness

Detergent and dispersant additives keep the gearbox, differential, and hydraulic system clean and in good condition. The oil is resistant against moist and oxidation.

Multi-Purpose

Valvoline Unitrac 80W (10W-30) can be used for the gearbox, the differential, and the hydraulic system. A real multipurpose use. An extra advantage is one oil for several components and less storage; no miss-applications.

Break Down resistance

Thermal and Oxidation stable oil film.

Special Extreme Pressure additives protect the tractor components against break down.

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Unitrac	
SAE Viscosity Grade	80W (10W-30)
Viscosity, mm²/s @ 100 °C. ASTM D-445	10,0
Viscosity, mm²/s @ 40 °C. ASTM D-445	63
Viscosity Index ASTM D-2270	143
TBN, mg KOH/g ASTM D-2896	9,0
TAN, mg KOH/g ASTM D-664	2,0
Pour Point, °C ASTM D-5949	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0,876
Flash Point, COC, °C. ASTM D-92	220

**This information only applies to products manufactured in the following location(s):
Europe**

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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

Protect the environment

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

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 703/13