

TRACTAGRI T4R 10W-40

Engine oil

KEY DATA



- ✓ AGRICULTURE
- ✓ ENGINE OIL
- ✓ LOW SAPS

SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E6, E9, E7, E4
API CJ-4

Manufacturers' Approvals:

- ✓ Deutz DQC IV-10 LA
- ✓ Deutz TTCD
- ✓ MB-Approval 228.51
- ✓ MAN M 3477

Suitable for the engines of the following machines:

CASE, NEW-HOLLAND, CLAAS, FENDT, SAME,
MASSEY-FERGUSON, Mc CORMICK, VALTRA...

Meets the requirements of:

- ✓ Caterpillar ECF-3/ECF-2/ECF-1-a
- ✓ FPT-Iveco TLS E9
- ✓ CNH MAT 3521
- ✓ MAN M 3575
- ✓ Cummins CES 20081

Suitable when the following specifications are recommended:

- ✓ John Deere JDQ 78X

APPLICATIONS

TOTAL TRACTAGRI T4R 10W-40 has been especially developed for **agricultural Diesel engines** that meet **European standard Stage IV** and **American standard EPA Tier 4 final** or lower emission standards.

Thanks to its **many approvals**, TOTAL TRACTAGRI T4R 10W-40 can lubricate **all engines to any brands or types**: lubricants needed for Tier 4 engines (and below) are rationalized into one product.

Thanks to its **"low-SAPS"** (low Sulphated Ash, Phosphorus and Sulphur) technology, TOTAL TRACTAGRI T4R 10W-40 is designed for the latest Diesel engines equipped with **post-treatment systems**, such as Diesel particulate filters (DPF).

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL TRACTAGRI T4R 10W-40 exhibits **excellent thermal stability** ensuring efficient lubrication of hot engine parts during severe and long working periods, even in summer.

Its **high viscosity** resists to high pressure between engine pieces and supports an eventual fuel dilution.

The advanced **"low-SAPS"** formulation of TOTAL TRACTAGRI T4R 10W-40 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

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PHYSICAL AND CHEMICAL CHARACTERISTICS *

TEST	UNIT	TEST METHOD	RESULT
Density at 15 °C	kg/m ³	ASTM D1298	864
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	92
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	14.1
Viscosity Index	-	ASTM D2270	154
Pour Point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	13
Sulphated Ash	% m/m	ASTM D874	0.96

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

RECOMMENDATIONS FOR USE

Before using the product, the equipment's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations.

If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This can be obtained on request from your local reseller and is available for consultation at <http://sdstotalms.total.com>.

This product should not be used for any purposes other than the ones for which it is intended.