

# Hydragri 46

## Hydraulic oils

### KEY DATA



High performance ISO VG 46 hydraulic oil for all Agricultural machinery.

#### INTERNATIONAL STANDARDS

- 🔥 AFNOR NF E48-603 HV
- 🔥 ISO 6743-4 HV | ISO 11158 HV
- 🔥 DIN 51524-3 HVLP

#### MEETS THE REQUIREMENTS OF

- 🔥 ZF TE-ML 07H
- 🔥 VICKERS M-2950-S/I-286-S

### APPLICATIONS

Hydragri 46 is adapted to all hydraulic systems working at high temperature and pressure.

This lubricant is particularly suitable for machinery working outdoors: easy starting at very low temperatures and steady operation throughout the year.

Hydragri 46 is adapted to a very wide application range: from use as hydraulic motion fluid to hydraulic jack fluid.

### PERFORMANCES & CUSTOMERS BENEFITS

- 🔥 Hydragri 46 ensures long component life:
- 🔥 Very high viscosity index
- 🔥 Excellent shear resistance
- 🔥 Excellent thermal stability and outstanding oxidation resistance
- 🔥 Withstands hydrolysis very well
- 🔥 Very good filterability with or without water
- 🔥 Excellent protection against wear, corrosion, rust and foaming
- 🔥 No air retention
- 🔥 Excellent de-emulsification properties
- 🔥 Very low pour point
- 🔥 Perfectly harmless to seals

## CHARACTERISTICS\*

TEST	UNIT	TEST METHOD	RESULT
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	874
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	46
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	8.4
Viscosity index	-	ASTM D445	161
Pour point	°C	ASTM D97	-39

\*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle'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 (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

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

