



L'huile des records du monde

# HYDRO GREEN BIO HV 46

Biodegradable hydraulic fluid - 100% Synthetic

## USES

Recommended for the hydraulic systems that require a biodegradable oil or when an environmentally friendly hydraulic fluid is specified. Prevents any aquatic and soil contamination.

Suitable to a broad range of application : agriculture, public works, forestry, marine equipment (canal lock hydraulic controls), leisure activities (mountain, field, golf ...).

## MAIN CHARACTERISTICS

		Units	ISO VG 46
Density at	20° C	kg/m <sup>3</sup>	918
Kinematic viscosity at	40° C	mm <sup>2</sup> /s	47
Kinematic viscosité at	100° C	mm <sup>2</sup> /s	9,2
Viscosity index			183
Pour point		° C	-45
Flash point Cleveland Open Cup		° C	> 300
Biodegradability (according to CEC-L-33-A93)		%	> 90
Color			green

*The data given in this table are typical values from production and cannot be specifications in any case.*

## PROPERTIES & ADVANTAGES

- **Synthetic esters** formulation provides optimal performance and extended service life (better stability than vegetable based oils).
- High viscosity index and low pour point allow the **use in a wide range of temperatures.**
- **Compatible** with mineral and vegetable hydraulic fluids
- Outstanding viscosity retention and shear stability provide **optimal protective oil film** in any service conditions.
- **Excellent anti-oxidant, anti-corrosion and anti-wear properties** for increased protection of the hydraulic systems.
- **High level** of biodegradability.

## PERFORMANCES

**ISO 6743/4 cat. HV 46**

**DIN 51524 part 3** *except oxidation test in presence of water (biodegradable product).*

**SS 155434** *(Swedish specification)*

## STORAGE

We recommend to store the goods in a covered space (indoor) to prevent any introduction of water.

In case of outdoor storage, the drums must be kept horizontally.

During the service period, we recommend to drain regularly the water from the circuit.

