

BIO NATUR HYDRO 46



100%
Synthetic

BIODEGRADABLE HYDRAULIC FLUID

PRESENTATION

"**BIO NATUR HYDRO 46**" is a high performance hydraulic oil formulated from synthetic ester.

"**BIO NATUR HYDRO 46**" is used to replace mineral hydraulic oil where its **environmentally friendly properties are required**.

"**BIO NATUR HYDRO 46**" is designed for all machines fixed or mobile, in **Public works** : loaders, hydraulic shovels, shovel dredgers, in **water sectors** : lock gates, in **cleaning sectors** : household rubbish trucks..., **ski resorts machines**

PRODUCT BENEFITS

- ✓ **Meets environmental European specifications.**
- ✓ **Take part in environmental protection and sustainable development.**

ADVANTAGES

Formulated from renewable bases, "**BIO NATUR HYDRO 46**" is characterized by :

- ◆ Its perfect harmlessness with respect to the environment,
- ◆ A very high natural viscosity index
- ◆ Excellent anti wear and extreme pressure properties
- ◆ A good thermal stability,
- ◆ Anti-foaming and air/oil separation properties allowing the product to keep its incompressibility and in particular an excellent oxidation resistance,
- ◆ Remarkable viscosimetric performances, that guarantees the efficient output of machines over a large operating temperature range,
- ◆ A very low pour point,

CARACTERISTIQUES

<i>Caractéristiques</i>	<i>unités</i>	BIO NATUR HYDRO 46
Nature		Synthetic ester
Colour		Blond
Specific gravity at 15°C		0.92
Viscosity at 40°C	<i>mm²/s</i>	49.3
Viscosity at 100°C	<i>mm²/s</i>	9.7
Viscosity index		187
Flash point OV	<i>°C</i>	300
Pour point	<i>°C</i>	-41
VICKERS test V104C	<i>mg</i>	<10
4 ball machine – scar diameter 1h/40kg -	<i>mm</i>	0.4
- welding charge	<i>kg</i>	200
FZG	<i>stage</i>	≥12

Above details are issued from a production average; they are not specifications

Environmental data	<i>Self classification</i>
Characteristics	Method
Biodegradability (28 days)	OCDE 301B
	Contains more than 96% of easily biodegradable components
STANDARDS	ISO 15380 VDMA 24568 Catégorie HEES DIN 51502 EL

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