

# SYNTORA - BIO HYDROSYNTH H 46

## DESCRIPTION

This high-quality hydraulic oil is based on biodegradable synthetic esters, to which selected additives have been added to obtain the following properties:

- a very high and stable viscosity index
- excellent anti-wear properties
- very good anti-corrosion effect
- very good oxidation stability (also at high temperatures)
- very good anti-foam and air-separating properties
- neutral to plastic seals
- low pour point
- good water separation
- reduced risk to water and soil during use
- contains a large proportion of biobased material

## APPLICATION

This biodegradable hydraulic oil is ideally suited for heavily loaded hydraulic systems that have to operate under high pressures and a wide temperature range. This hydraulic oil has been especially developed for those situations where pollution of the environment is to be expected and where high system temperatures are realized.

Specifications	Typical standard analyses		
	Analysis	Unit	Value
<u>Ecolabel</u>			
Biodegradability according OECD 301 B > 70%	Density at 15 °C	kg/l	0,916
ISO 15380 HEES	Viscosity 40 °C	mm <sup>2</sup> /s	46,00
Elastomer compatibility:	Viscosity 100 °C	mm <sup>2</sup> /s	9,35
Tested Nitrile Butadiene NBR1-pass	Viscosity index		192
Tested Fluor Carbon FMK2-pass	Flash point	°C	270
	COC		
Swedish Standard SS 15 54 34	Pour point	°C	-39
	Acid number	mgKOH /g	1,70

## NOMATECHNICS bv

Aalterbaan 230i  
9990 Maldgem België

050 51 98 80

info@nomatechnics.be www.nomatechnics.be

The information provided here is intended to enable the reader to orientate himself on the properties and possible applications of our products. Although this overview has been compiled with all due care on the stated date, the compiler does not accept any liability for damage as a result of incompleteness and / or inaccuracies in the overview, especially where these are the result of obvious typing errors. Our terms of delivery apply to all product deliveries. The reader is advised, especially for critical applications, to make the final product choice in consultation with us. An up-to-date safety data sheet for this product is available upon request.