

OMV biohyd MS is a fully synthetic, biodegradable multi-grade hydraulic oil.

Properties

OMV biohyd MS is rapidly biodegradable and not water-soluble. Very good temperature properties and low viscosity-temperature dependency guarantee optimum operating safety even with significant temperature variations.

The stability at high temperature and ageing stability of OMV biohyd MS prevent the build-up of residue by ageing substances and ensure very long service life for the oil.

OMV biohyd MS has a neutral reaction with elastomers and can be mixed with mineral oil based hydraulic oils.

Application

Especially used in heavy duty hydraulic systems in the construction industry, agriculture and forestry sectors, sewage treatment plants, runway vehicles etc.

If you wish to convert to OMV biohyd MS 32, please consult our technical services department.

Remark: Although the oil is readily biodegradable when small quantities are emitted to the environment the used OMV biohyd MS 32 must be disposed like any other oil. The same applies for oil accidents!

Specifications and Approvals

OMV biohyd MS exceeds the specifications according to ÖNORM C 2027 HEES; VDMA 24 568 HEES;

Please respect the manufacturers specifications!

Technical Data (typical values)

Characteristics	Unit	OMV biohyd MS 32
Viscosity class	ISO VG	32
Density/15°C	kg/m ³	915
Flash point COC	°C	235
Pour point	°C	<-60
Viscosity/40°C	mm ² /s	32
Viscosity/100°C	mm ² /s	6.4
Viscosity index	---	157
Neutralisation number	mgKOH/g	0.5
Jod value	mgJ ₂ /100g	<5

Viscosity-temperature charts and material safety data sheets are provided on request.