



PROBEOL HEES 22 32 46

Biodegradable high viscosity index (HV) hydraulic oils, based on petrochemical-derived synthetic unsaturated esters, and more than 80% renewable, which contribute to protecting and preserving the environment.

PERFORMANCES

Specifications:

ISO 15380 (HEES)

VDMA 24568 (HEES)

ADVANTAGES

PROBEOL HEES possesses a high natural viscosity index, which reduces viscosity variations with temperature, and natural lubricity properties which contribute to reducing wear of lubricated components.

PROBEOL HEES may be used in hydraulic systems working at moderate temperatures (<90°C), as well as in systems working at low temperatures.

USES

PROBEOL HEES must be used as a hydraulic fluid in applications where the environmental pollution risks are high: forests, near water courses, ecologically sensitive areas. PROBEOL HEES features very good oxidation resistance and good thermal stability, as well as a very low pour point.

Characteristics	Standards	Values	22	32	46
Density at 15°C	NFT 60-106	kg/m ³	902	911	917
Flash point	NFT 60-118	°C	>250	>220	>310
Pour point	ASTM D 97	°C	<-27	<-39	<-40
Kinematic viscosity at 40°C	NFT 60-100	mm ² /s	23.6	37.8	49.3
Kinematic viscosity at 100°C	NFT 60-100	mm ² /s	5.9	8.0	9.6
Viscosity index	NFT 60-136	-	>200	>190	>180
Biodegradability	OECD 301 B	%	>80	>70	>70

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

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