PROBEOL SAT 22 32 46

Synthetic, biodegradable hydraulic fluids, formulated based on petrochemical-derived saturated esters, and more than 50% renewable, which contribute to protecting and preserving the environment.

PERFORMANCES

Specifications:
ISO 15380 (HEES)
DIN 51524-2
DIN 51524-3

ADVANTAGES

PROBEOL SAT 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 SAT features excellent oxidation resistance and good thermal stability.

USES

PROBEOL SAT must be used as a hydraulic fluid in applications where the environmental pollution risks are high: forests, near water courses, ecologically sensitive areas. PROBEOL SAT can be used in hydraulic systems working at moderate temperatures (<110°C).

Characteristics	Standards	Units	Values		
			22	32	46
Density at 15°C	NFT 60-106	kg/m3	948	945	905
Flash point	NFT 60-118	°C	252	258	239
Pour point	ASTM D 97	°C	-45	-48	-39
Kinematic viscosity at 40°C	NFT 60-100	mm^2/s	22.2	32.6	47.3
Kinematic viscosity at 100°C	NFT 60-100	mm^2/s	4.8	6.3	8.1
Ultimate biodegradability	OECD 301 C, D, E, F	%	>75	>75	60
Viscosity index	NFT 60-136	-	141	149	144

Document ref.: VII-112-1508
Published: 04/04/2018