

AVISTA KERNSOLVAT® KS 100

AVISTA KERNSOLVAT KS 100 is a resource-saving base oil in terms of sustainable development and the best choice to save fossil raw materials. Due to the almost waste-free manufacturing process, which includes patented technology and uses valuable oils as raw materials, this product helps to protect the environment, health, natural resources and the climate in the long term. The base oil used in the appropriate proportion demonstrably saves up to 1,490 kg/t CO₂-eq compared to conventionally produced base oils (DEKRA certificate 990622074).

AVISTA KERNSOLVAT KS 100 is a top quality base oil with an outstanding viscosity index and NOACK, a reduced sulfur content and extremely low PAH content. This product is AVIeCO® qualified.

TYPICAL CHARACTERISTICAS

(The given data are typical values.)

Parameter	Test Method	Unit	Results
Colour ASTM	DIN ISO 2049		0,5 – 1,0
Density 15 °C	DIN EN ISO 12185	kg/m ³	842 - 852
Kin. Viscosity 40 °C	DIN 51 659-3	mm ² /s	22 - 26
Kin. Viscosity 100 °C	DIN 51 659-3	mm ² /s	4,4 - 4,9
Viscosity Index	DIN ISO 2909		> 115
Neutralisation Number	DIN 6618	mg KOH/g	≤ 0,03
Flashpoint COC	DIN EN ISO 2592	°C	> 220
Pourpoint	ASTM D 7346	°C	≤ -9
Noack Evaporation Loss	DIN 51 581 - 1	Gew. %	11 - 15
Sulfur	EN ISO 8754	Gew. %	≤ 0,20
Copper Corrosion	DIN EN ISO 2160	3 h / 100°C	1
C _A	DIN 51 378	%	2
Saving CO ₂ -eq	DIN EN ISO 1040/44	kg/t	1,490

We reserve the right to change the general characteristics of our product so that our customers can benefit from the latest technological advances.