



AVISTA OIL Deutschland GmbH

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**AVISTA Kernsolvat®  
KS 100, KS 130, KS 150, KS 200**

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AVISTA KERNSOLVAT KS 100/130/150/200 are resource-saving base oils in terms of a sustainable development and the best choice to save fossil raw material, in order to protect our environment, health and the climate in long-term. The production process, which i. a. contains the patented ESR-technology, is almost waste-free. By applying latest upgrading technologies, the necessary features remain present, without wasting natural resources. The products also saves demonstrably up to 825 kg / t CO<sub>2</sub> eq compared to conventionally produced base oils.

AVISTA Kernsolvat KS 100/130/150/200 are top-quality base oils with excellent viscosity index and NOAK, reduced sulphur and extremely low PAH share.

This product is AVleco® qualified.

## TYPICAL CHARACTERISTICAS

(The given data are typical values.)

Parameter	Test Methodd	Unit	KS 100	KS 130	KS 150	KS 200
Colour ASTM	DIN ISO 2049		0,5 – 1,0	1,0 – 2,0	1,0 – 2,0	1,0 – 2,5
Density 15°C	DIN EN ISO 12185	kg/cm <sup>3</sup>	845 – 855	847 – 857	847 – 857	860 - 870
Kyn. Viscosity 40°C	DIN 51 659-3	mm <sup>2</sup> /s	22 – 26	28 – 32	32 – 36	40 – 46
Kyn. Viscosity 100°C	DIN 51 659-3	mm <sup>2</sup> /s	4,4 – 4,9	5,1 – 5,9	5,7 – 6,3	6,4 – 7,1
Viscosity Index	DIN ISO 2909		>115	>115	>115	110 - 115
Neutralisation Number	DIN 51 558-1	mg KOH/g	≤ 0,03	≤ 0,03	≤ 0,03	≤ 0,03
Flashpoint COC	DIN ISO 2592	°C	>220	>230	>230	>230
Pourpoint	ISO 3016	°C	≤ -9	≤ -9	≤ -9	≤ -9
Noack Evaporation Loss	DIN 51 581	Gew. %	11 - 15	9 – 13	6 - 10	5 - 9
Sulfur	EN ISO 8754	Gew. %	≤ 0,20	≤ 0,20	≤ 0,20	≤ 0,25
Copper Corrosion	DIN EN ISO 2160	3 h / 100°C	1	1	1	1
C <sub>A</sub>	DIN 51 378	%	2	2	2	2

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

Contact:

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