

## AVISTA pure EVO FA-4 SAE 10W-30

Fuel-saving engine oil for commercial vehicles (diesel) of the AVISTA pure EVO line for the application under heavy load conditions for meeting of all requirements of the API specification FA-4 and many OEM approvals/specifications.

### APPLICATION

- Commercial vehicles, diesel, with modern after-treatment of exhaust gas
- not backward compatible to CH-4, CI-4, CJ-4, CK-4

### CHARACTERISTICS

- Fuel-saving
- low exhaust gas emissions
- special protection of exhaust gas system
- protection from oxidation and viscosity losses
- low pollution of catalyst and piston deposits
- low engine wear and low increase of viscosity due to soot

### APPROVALS

MB-Freigabe 228.61

### SPECIFICATIONS

API FA-4  
API SN  
Cummins CES 20087  
Detroit Diesel DDC 93K223

### TYPICAL CHARACTERISTICS

(The given data are typical data.)

Parameter	Method	Unit	
SAE Class	SAE J 300		10W-30
Density 15 °C	DIN EN ISO 12185	g/cm <sup>3</sup>	0.845 – 0.885
Kin. Viscosity @ 100 °C	ASTM D7279	mm <sup>2</sup> /s	9.3 – 10.7
Viscosity Index	ASTM D2270		min. 132
Total Base Number	ASTM D2896	mg KOH/g	7.9 -9.9
Dyn. Viscosity @ -25°C	ASTM D5293	mPa*s	max. 7,000
Flash point COC	DIN ISO 2592	°C	min. 200
Pour Point	ASTM D7346	°C	max. -39

We reserve the right to change the general characteristics of our product so that our customers can benefit from the latest technological advances. (VS-Nnumber 2)