

## AVISTA pure EVO CI-4 TS SAE 15W-40

**Aging-resistant engine oil for commercial vehicles (diesel Euro I-V) and older cars (petrol) of the AVISTA pure EVO line for meeting of all requirements of the API specification CI-4 and many OEM approvals/specifications.**

### APPLICATION

- commercial vehicles
- cars (2004 and older)
- diesel (Euro I-V), petrol, substitute for API CD, CE, CF-4, CG-4, CH-4

### CHARACTERISTICS / APPLICATION BENEFITS

- resistant to aging
- long-life of engine (for exhaust gas recirculation)
- stability of viscosity
- fuel-saving
- low exhaust gas emissions
- engine cleanliness

### APPROVALS

<b>API</b>	CI-4
<b>Deutz</b>	DQC III-18
<b>Mack</b>	EO-N
<b>MTU</b>	TYPE 2
<b>DTRF</b>	15B110 (MB 228.3)
<b>Renault</b>	RLD-2
<b>Volvo</b>	VDS-3

### SPECIFICATIONS

<b>ACEA</b>	A3/B4
	E7
<b>API</b>	SL
<b>Caterpillar</b>	ECF-2
<b>Cummins</b>	CES 20078
<b>Detroit Diesel</b>	DDC93K215
<b>Global</b>	DHD-1
<b>IVECO</b>	
<b>JASO</b>	DH-1-17
<b>MAN</b>	M3275-1
<b>MB</b>	229.1

### RECOMMENDATIONS

<b>Allison</b>	C4
<b>Caterpillar</b>	TO-2

### TYPICAL CHARACTERISTICS

(The given data are typical data.)

Parameter	Method	Unit	
SAE Class	SAE J 300		15W-40
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	13.9 – 15.3
Viscosity Index	ASTM D2270		min .148
Total Base Number	ASTM D2896	mg KOH/g	10.0 – 12.4
Dyn. Viscosity @ -20 °C	ASTM D5293	mPa*s	max. 7,000
Flash Point COC	DIN ISO 2592	°C	min. 230
Pour Point	ASTM D7346	°C	max. -36

We reserve the right to change the general characteristics of our product so that our customers can benefit from the latest technological advances. (VS-Number 12)