



## Typical Chemical Characteristics

### Product:

**Axion II SHPD SAE 20W-50 & 15W-40**

### Description:

Full SAPS technology engine oil suitable for Super High Performance Diesel (SHPD) engines. It is designed for securing safety engine operation under any type of condition. Offers outstanding lubrication and engine protection from oxidation, wear and from the phenomenon of carbon deposits production even in exhausted conditions of operation.

### Characteristics:

Property	Method	Unit	20W-50	15W-40
Specific Gravity 15°C	ASTM D 1298	kg/L	0,888	0,885
Viscosity at 100°C	ASTM D 445	cSt	16,3 – 21,9	12,5 – 16,3
Viscosity Index	-	-	>110	>110
Pour Point	ASTM D 97	°C	<-15	<-15
Flash Point	ASTM D 92	°C	>210	>210
Total Base Number	ASTM D 2896	mgKOH/g	>8,5	>8,5
Color	-	-	Crystal gold	Crystal gold
Cold Cranking Simulator	ASTM D 5293	mPa·s	<4500 @ -10°C	<3500 @ -15°C

### Specifications:

ACEA: A3/B4 & E2,  
 API: CF-4/CF/SG  
 MB p228.0/p228.1/p229.1, MAN 270/271,  
 VV 505.00 Quality, Volvo VDS

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