



# ADECO SHPD SAE 20W-50

### **Product Description:**

Multigrade mineral engine oil ADECO SHPD is produced from specially selected, high quality, selectively and hydro refined base oils and additive packages, manufactured according to the latest technology. The oil meets the requirements of heavy duty diesel engines manufacturers. It is intended for use in engines with EGR and SCR exhaust systems. The materials used in the production of this oil are purchased from the world's leading companies with the ISO 9001 certificate.

### **Purpose:**

Motor oil, ADECO SHPD, is recommended for the lubrication of heavy duty diesel engines: trucks and buses, engines in the mining, construction and agricultural machines, as well as in light commercial vehicles.

It can be successfully used for the lubrication of two-stroke Detroit Diesel engines, which require oil to meet API CH-4 performance level.

### **The Main Advantages:**

- Excellent detergent-dispersant properties, which provide maximal cleanliness of modern engines, constructed in accordance with the most recent requirements for environmental protection;
- Outstanding thermal and oxidation stability which prevents oil thickening at high temperatures;
- Guaranteed protection against the formation of varnish and corrosion of the bearing;
- Extended oil change interval to 45.000 km;
- Provided the necessary antifriction properties for gearboxes, differentials and the other equipment operating with an oil.

### **Physical and Chemical Properties:**

<i><b>Characteristic, Unit</b></i>	<i><b>Referential Values</b></i>	<i><b>Method</b></i>
<b>SAE Viscosity Grade</b>	<b>20W-50</b>	
Density at 15°C, g/cm <sup>3</sup>	0,88 – 0,90	ASTM D 1298
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	150 – 170	ASTM D 445
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	17 – 19	ASTM D 445
Viscosity Index	125	ASTM D 2270
Flash Point, COC, °C	min 220	ASTM D 92
Pour Point, °C	-21	ASTM D 97
Total base Number, TBN, mgKOH/g	11	ASTM D 2896

### **Meet Specifications:**

API CI-4/SL; ACEA E7; MB 228.3; MAN M 3275; Volvo VDS-3; Cummins CES 20078; Mack EO-M Plus; MTU Type 2; Global DHD-1.

### **Packaging:** 10 L, 60 L, 200 L