



# ADECO® HIPO EP 80W-90, 85W-140 GL-4

### Product Description:

Transmission oils ADECO® HIPO EP are manufactured from specially selected, high quality, selectively and hydro refined base oils and ashless additive packages with phosphorus and sulfur. Multigrade oils ADECO® HIPO EP are produced in two SAE viscosity grades: 80W-90 and 85W-140.

### Purpose:

Transmission oils ADECO® HIPO EP are used for the lubrication of all types of hypoid gears in motor vehicles and industrial machines, where manufacturer requires oil meets API GL-4 quality level. It is suitable for manual transmissions of passenger cars, light trucks and vans, commercial vehicles and agricultural, construction and mining machines.

### The Main Advantages:

- Excellent protection against wear and damages at different speeds and loads level;
- Very good thermal and oxidation stability, that prevents forming of insoluble n-pentane and toluene, even at long term operation;
- Guaranteed protection against corrosion;
- Compatibility with sealing materials.

### Physical and Chemical Properties:

<i>Characteristic, Unit</i>	<i>Referential Values</i>		<i>Method</i>
	<b>80W-90</b>	<b>85W-140</b>	
SAE Viscosity Grade			
Density at 15 °C, g/cm <sup>3</sup>	0,89	0,90	ASTM D 1298
Kinematic Viscosity at 100 °C, mm <sup>2</sup> /s	14 – 23	24 – 40	ASTM D 445
Viscosity Index	100	110	ASTM D 2270
Flash Point, COC, °C	200	210	ASTM D 92
Pour Point, °C	-28	-18	ASTM D 97

### Meet Specifications:

SAE J306-98; API GL-4; MB 235.6; MAN 342, tip N; MIL-L-2105D; ZF TE-ML01/02/05/07/08.