

**PRODUCT DESCRIPTION**

Petrocar Hypoid+ SAE 80W90 and SAE 85W140 oils are premium quality gear oil blended with selected base oils and appropriate additive package containing specific additives.

Petrocar Hypoid+ series of gear oils are able to maintain a satisfactory lubricating film on the surface of gear teeth so that serious grinding damage can be avoided upon starting under load.

Petrocar Hypoid+ series shows the following main properties:

- Very good EP- Extreme Pressure performance.
- Excellent oxidation resistance.
- High thermic stability.
- High protection of moving parts against corrosion and rust.

**APPLICATIONS**

The Petrocar Hypoid+ series of oils are recommended for the lubrication of all types of hypoid gears under severe loads, high relative sliding velocity between teeth and high operating temperatures.

They can be also used for normal gearboxes and steering boxes on cars and for gearboxes and final drive units on earth moving vehicles.

**PERFORMANCE LEVELS AND APPROVALS**

API GL 5

MIL-L-2105D

**TYPICAL CHARACTERISTICS**

| Petrocar Hypoid+ SAE 80W90 – SAE 85W140 | Testing procedure | Typical Values |           |
|---|-------------------|----------------|-----------|
| Grade                                   | -                 | 80W90          | 85W140    |
| Density @ 15°C, kg/m <sup>3</sup>       | ASTM D 1298       | ≥870,0         | ≥885,0    |
| Viscosity @ 100°C, cSt                  | ASTM D 445        | 13,5÷18,5      | 24,0÷32,5 |
| Viscosity Index                         | ASTM D 2270       | ≥ 110          | ≥100      |
| Pour Point, °C                          | ASTM D 97         | ≤-24           | ≤-18      |
| Flash Point, °C                         | ASTM D 92         | ≥225           | ≥225      |