

# ALPINE® Gear Oil 85W-90 LS

## Special hypoid gear oil

### Properties

**ALPINE Gear Oil 85W-90 LS** is prescribed for highly stressed hypoid toothed drive axles with self-locking differentials. **ALPINE Gear Oil 85W-90 LS** contains special additives to limit slip (limited slip) and prevent noise when driving around bends.

- special suitability for multi-disc limited slip differentials
- Excellent corrosion, rust and wear protection
- low foaming formation
- neutral to seals and non-ferrous metals

### Application notes

**ALPINE Gear Oil 85W-90 LS** meets all performance requirements of hypoid gears with multi-disc limited slip differentials. Combined manual and axle transmissions can be supplied as well as vehicles with transfer cases.

**ALPINE Gear Oil 85W-90 LS** can also be used in all drive axles with API GL-5 requirements in order to reduce the number of grades.

### Service description

#### Specifications:

- API GL-5 / LS
- MIL-L-2105 C/D
- ZF TE-ML 05

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Gear Oil 85W-90 LS
Density at 15°C	DIN ISO 3675	kg/m <sup>3</sup>	897
Viscosity 40°C	DIN 51 562	mm <sup>2</sup> /s	145
Viscosity 100°C	DIN 51 562	mm <sup>2</sup> /s	14.4
Viscosity index (VI)	DIN ISO 2909	-	97
Viscosity at -26°C	ASTM D2983	mPa.s	130,000
Pour point	DIN ISO 3016	°C	-30
Flash point COC	ASTM D92	°C	210

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\* meets the requirements of the OEM manufacturer.  
The stated values may vary within the usual commercial range.