

## Product Information

# XEP 80W-90 LIMITED SLIP GEAR OIL

---

## Description

XEP 80W-90 is a mineral oil based gear oil, that has been formulated with a high level of extreme pressure (EP) additives and friction modifiers to protect the critical mechanisms of limited slip differentials. In addition to high load carrying capability, XEP 80W-90 will protect against rust and corrosion and has a low foaming tendency. Shock loading occurs when one of the driven wheels loses traction and the differential locks redistributing the drive equally. Standard API GL5 gear oils are unable to cope with this extreme condition and therefore it necessary to use the correct limited slip differential oil to promote long component life.

## Applications

XEP 80W-90 has been specifically designed for use in limited slip differentials requiring the following viscosity grades 80W-90, 85W-90 or 90 grade lubricants. This includes automotive, agricultural and heavy duty plant designs. XEP may also be used in standard differentials, axles, reduction hubs, slewing gears, transfer boxes, etc., where an API GL5 80W-90 gear oil is required.

## Performance level

API GL-5  
MIL-L-2105D

## Physical Characteristics

| SAE                       | 80W-90 |
|---------------------------|--------|
| Density at 15 °C          | 0.882  |
| Viscosity at 100 °C, cSt. | 16     |
| Viscosity at 40 °C, cSt.  | 155    |
| Viscosity Index           | 105    |
| Flash Point, (Open) °C    | 200    |
| Pour Point, °C            | -30    |

(TDS XEP80W-90 – 110413 Issue 6)



EMS 60044



FM 21756



OHS 555083