

Product Information

EP80W-90, EP85W-140

Extreme Pressure Automotive Gear Oils

Description

EP Gear Oils are mineral oil based lubricants formulated for use in a wide range of automotive, plant, agricultural and industrial transmission systems. These grades have a high level of extreme pressure (EP) additive that provides effective gear protection over a range of temperatures and shock load conditions. EP Gear oils also protect components from rust and corrosion.

Application

EP Gear Oils are designed for use in a wide variety of applications, including: manual gearboxes, transaxles, transfer boxes, PTO boxes, reduction hubs/gear, differentials (including hypoid designs), axles, planetary and epicyclic drives, shaft drives, sprocket drives, track drives, track rollers, track idlers, hoist/winch gearboxes, steering boxes, oil lubricated bearings, swivel housings, swing gearboxes, slewing rings/gears, etc.

Performance Level

EP80W-90 ZF TE-ML 05A/12E/16B/17B/19B/21A (Approved)
Listed as Scania Oil STO 1:0 (Gearboxes)
API GL5

EP85W-140 ZF TE-ML 05A/12E/16D/21A (Approved)
Listed as Scania Oil STO 1:0 (Gearboxes and Axles)
API GL5

Physical Characteristics

SAE Classification	80W-90	85W-140
Density at 15 °C	0.890	0.900
Viscosity at 100 °C, cSt.	13.7	25.8
Viscosity at 40 °C, cSt.	130.0	338.5
Viscosity Index	101	100
Flash Point (Closed) °C	183	187
Pour Point, °C	-30	-21

(TDS AUTO EP Gear Oils – 140814 Issue 17)



Morris Lubricants, Castle Foregate,
Shrewsbury, Shropshire, SY1 2EL
Telephone (01743) 232200
Fax (01743) 353584