

# **EP 80W**



## **DESCRIPTION**

Castrol EP 80W is a mineral based extreme pressure multi-purpose gear oil containing anti-oxidant, anti-corrosion and anti-foam additives to protect against problems due to oil oxidation, gear tooth corrosion and oil foam. It also contains a special E.P. additive to cope with the conditions of high rubbing pressures.

## **APPLICATION**

Castrol EP 80W is primarily recommended for the lubrication of spur and helical gears, such as used in automotive manual gearboxes, where the manufacturer specifies the use of an EP oil. Leading British and International motor manufacturers approve the use of Castrol EP 80 for passenger cars and commercial vehicle gearboxes, steering boxes and idlers. Castrol EP 80 can also be used in hypoid gears requiring API GL-4 performance.

## **FEATURES/BENEFITS**

Excellent oxidative stability  
Good anti-foam properties  
Superior anti-wear performance  
Improved transmission characteristics and resistance to thickening  
Long oil life  
Reduced wear

## **PERFORMANCE**

API Service Level	GL-4
MB	235.1 Approved
MIL-L-2105	
ZF	TE-ML 02

## **TYPICAL CHARACTERISTICS**

SAE Viscosity Rating	80W
Relative Density @ 20° C	0.883
Viscosity @ 40° C, mm <sup>2</sup> /s	82.6
Viscosity @ 100° C, mm <sup>2</sup> /s	9.9
Viscosity Index	98
Flash Point (closed) ° C	179
Pour Point ° C	-30