



# GP

GENERAL PETROLEUM

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## Product Data Sheet (PDS)



**SYNCROGEN  
MTF  
SAE 80W90  
API GL-5**

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# SYNCRAGEN MTF SAE 80W90 API GL-5



SYNCRAGEN MTF SAE 80W90 GL-5 is a universal transmission gear oils which can be applied in both manual gearboxes as well as in final drives, where API GL-5 quality oil is prescribed.

SYNCRAGEN MTF SAE 80W90 GL-5 can be used for the complete drive line. It contains special additives reducing fuel consumption and eliminating shifting problems. Due to this unique formulation not only wear, but also corrosion and foam building are reduced to a minimum. At high temperatures the oil is protected against thermal oxidation.

## PERFORMANCE STANDARDS:

- API GL-5
- M IL-L-2105D
- MAN 342 M2
- ZF TE-ML 05A/7A/12E/16B/C & D/17B/19B/21A
- Scania STO 1:0
- MB-Approval 235.0
- MACK GO-J
- BOSCH TE-ML 08

## FEATURES & BENEFITS:

- **Superior Extreme Pressure Performance:**  
These Oils shows excellent EP (Extreme Pressure) characteristics providing an adequate protection even under high shock loads and vibrations.
- **Excellent Resistance for Wear, Corrosion, Foaming and Oxidation:**  
These Oils shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.

## APPLICATIONS:

Recommended for use in manual gearboxes (synchronized or non-synchronized) as well as in final drives, where an API GL-5 quality oil is prescribed.

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## **TECHNICAL DATA**

<b>Sr. No</b>	<b>Characteristics</b>	<b>Test Method</b>	<b>80W90</b>
01	Appearance	VISUAL	B & C
02	Color	ASTM D-1500	L 3.5
03	Density @ 15 C, g/ml	ASTM D-4052	0.884
04	Viscosity @ 40 C, cSt	ASTM D-445	143.1
05	Viscosity @ 100 C, cSt	ASTM D-445	14.96
06	Viscosity Index	ASTM D-2270	105
07	Flash Point, COC, C	ASTM D-92	236
08	Pour Point, C	ASTM D-97	-15

### **Health and Safety:**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.