

# Samic Syn Synchro EP 75W90 GL-4

Synthetic Blend High Performance Manual Transmission Oil



## Product Data Sheet

### Product Description

Samic Syn Synchro EP 75W90 GL-4 is a high performance heavy duty gear oil, formulated from high quality Synthetic Blend of base oils and an advanced additive system. These lubricants are designed for automotive heavy-duty manual transmissions of most OEM like MAN, IVECO, DAF and RENAULT. Moreover, these oils are specially engineered for **fuel-economy** manual transmissions in commercial vehicles.

### Performance & Customer Benefits

- Exceptional thermal & oxidation stability protects against deposit formation and oil thickening, thus maintains the life and performance of lubricant and transmission.
- Outstanding anti-wear properties and excellent film strength provides exceptional equipment protection, that not only results in fewer breakdowns but also helps improve transmission efficiency.
- Excellent rust and corrosion protection for longer component life.
- Compatibility with seals and gaskets, leads to minimize oil leakage and reduced contamination.

### Specifications & Recommendations

**Samic Syn Synchro EP 75W90 GL-4 meets or exceeds following International and Builder specifications:**

- API GL-4
- SAE J2360
- MB 235.28
- MAN 341 Type E-3/Z-4
- ZF TE ML 01L, 02L, 16K
- Volvo 97305

### Main Application

Samic Syn Synchro EP 75W90 GL-4 is suitable for use in all Passenger cars, On-highway light and heavy duty trucks, and commercial vehicles.

- Suitable for Moderate to Heavy duty manual transmissions, requiring API GL-4 level performance.
- Applications like Off-highway industries including: construction, mining, quarrying, and agriculture.
- Other heavy-duty industrial and automotive applications, involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque exists.

### Typical Physical Characteristics

Samic Syn Synchro EP	Test Method	Units	75W90
Density @ 15 °C	ASTM D 4052	gm/cc	0.87
Viscosity @ 40 °C	ASTM D 445	cSt	125
Viscosity @ 100 °C	ASTM D 445	cSt	16.3
Viscosity Index	ASTM D 2270	-	139
Pour Point	ASTM D 97	°C	-39
Flash Point (COC)	ASTM D 92	°C	222
Copper Strip Corrosion	ASTM D 130	-	1B
Foam Seq I,II,III	ASTM D 892	ml/ml	10/0
Phosphorus	ASTM D 4951	%wt	0.026

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*