

APEX SYNCHRO HD 75W-90 GL-5 SERIES

Manual Transmission Oil – Synthetic Blend



Product Data Sheet

Product Description

APEX SYNCHRO HD 75W-90 GL-5 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 transmissions, axles and final drives. Moreover these oils are specially engineered for heavy-duty axles and final drives where extreme pressures and shock loadings are expected.

Features & Benefits

- Good thermal & oxidation stability protects against deposit formation and oil thickening, thus maintains the life and performance of lubricant and transmission.
- Enhanced anti-wear properties and outstanding 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

APEX SYNCHRO HD 75W-90 GL-5 meets or exceeds following International and Builder specifications:

- API GL-5/MT-1 (eqv. MIL-L-2105D)
- SAE J2360
- Scania STO 1:0
- MAN 342 M2
- ZF TE ML05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- Volvo 1273.10

Application

APEX SYNCHRO HD 75W-90 GL-5 series are suitable for use in all Passenger cars, on highway light and heavy duty trucks, and commercial vehicles.

- Suitable for Heavy duty manual transmissions, axles and final drives requiring API GL-5 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 Characteristics

APEX SYNCHRO HD GL-5	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	0.055

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

For further information, please contact: sales@apexdrive.com