



APPLICATIONS

Eni Rotra HY 80W-90 is a lubricant for transmissions with EP (extreme pressure) characteristics for use in transmission groups, in particular in manual and differential transmissions including integrated transmission, end gear reducers and power take-off gears for agricultural and earthmoving machines.

CUSTOMER ADVANTAGES

- The presence of special EP (extreme pressures) additives allows the product to protect the surfaces of gears and bearings even when high specific loads occur.
- The correct balancing of the anti-wear and greasing characteristics ensures the best operation of synchronizers that maintain their effectiveness even in severe operating conditions such as driving in city traffic that forces frequent gear changes.
- The particular oxidation stability avoids oil deterioration in parts operating at high temperature and effectively counteracts the tendency to increase viscosity and sludge formation.
- It is not corrosive to steel and therefore contributes in keeping the lubricated parts in efficient conditions.
- Its strong anti-rust properties prevent corrosion of the gears even in the presence of moisture.

SPECIFICATIONS - APPROVALS

- MIL-L-2105 Level
- ZF TE-ML 02A-16A-17A-19A
- API GL-4





CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m ³	895
Viscosity at 100°C	ASTM D 445	mm ² /s	16.0
Viscosity at 40°C	ASTM D 445	mm ² /s	130
Viscosity at -26°C	ASTM D 2983	mPa·s	120000
Viscosity Index	ASTM D 2270	-	105
Flash point (COC)	ASTM D 92	°C	210
Pour point	ASTM D 97	°C	-30

