

essenza powerful Gear GL5



essenza

series



mineral plus



PRODUCT DESCRIPTION

A line of high EP (Extreme Pressure) gear oils suitable for automotive applications including heavy duty axles and final drives where extreme pressures and shock loading are expected.

It is suitable to be used in automotive gear boxes, differentials, and hypoid gear sets in motorcycles, passenger cars, commercial vehicles, off-road construction and agricultural equipment. Overall, it can be used for lubricating all gears, for which the manufacturer recommends an API GL-5 lubricant.

PROPERTIES AND PERFORMANCE

- Advanced EP additives ensure a continuous lubricant film even on gears operating under harsh conditions which involves heavy and shock loads, and very high or intermittent sliding speeds between the teeth.
- Outstanding thermal and oxidative stability inhibits the formation of sludge and carbon deposits even under elevated temperature conditions.
- Excellent corrosion resistant and adherences properties help to reduce gear-tooth and bearing wears.
- Non-corrosive to most of the metals and alloys, such as steel, copper, etc.
- Multigrade viscosity property ensures reliable protection across wide temperature and contributes to high system efficiency.
- Capable of maintaining long oil-service periods stated by equipment manufacturers.

APPLICATIONS AND SPECIFICATIONS

- API GL-5
- ZF TE-ML-07A

CHARACTERISTICS (TYPICAL FIGURES)

	SAE Grade	80W-90	85W-140
Viscosity at 100°C	mm ² /s	17.0	28.0
Viscosity at 40°C	mm ² /s	178	412
Viscosity Index	-	101	98
Flash Point COC	°C	>200	>200
Pour Point	°C	-24	-12
Mass density at 15°C	kg/l	0.892	0.906



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