

### Product Description

VITO GEAR EP is a mineral-based EP gear oil designed for use in applications which specify a product conforming to the API service designation GL-5.

VITO GEAR EP is blended from high quality solvent refined paraffinic base oils and a high performance additive package.

VITO GEAR EP is available in a number of different viscosity grades:

VITO GEAR EP SAE 80W-90

VITO GEAR EP SAE 85W-140

### Performance Features

- Excellent oxidation stability
- Excellent protection of gear components
- Very low pour point allowing use in a wide range of ambient temperatures
- Foam resistance
- Protection against rust
- Compatibility with elastomers, preventing seal leakage

### Application

VITO GEAR EP is recommended for gearboxes, steering boxes, transaxles and vehicle hypoid rear axles which specify an EP oil meeting API GL-5 (equivalent for these viscosity grades to the obsolete U.S. Military specification MIL-L-2105C/D). Also recommended for hypoid, spiral bevel, 2-speed and all double reduction rear axles including worm gears.

VITO GEAR EP should not be used in single reduction worm axles where the oil temperature exceeds 95°C or in ZF manual gearboxes where a maximum GL-4 is required.

VITO GEAR EP meets the following requirements:

**API** GL-5

**MIL-L** 2105D

**MAN** 342M-2

**ZF TE-ML** 05A, 7A, 12E, 16B, C and D, 17B, 19B

### Typical Properties:

SAE grade	80W-90	85W-140	Method
Specific gravity at 15 <sup>0</sup> C, Kg/l	0.890	0.911	ASTM D-1298
Viscosity, Kinematic at 40 <sup>0</sup> C, cSt	145	453	ISO 3104
Viscosity, Kinematic at 100 <sup>0</sup> C, cSt	14.10	30.00	ISO 3104
Viscosity Index	95	95	ISO 2909
Pour Point, <sup>0</sup> C	-27	-18	ISO 3016
Flash Point COC, <sup>0</sup> C	205	238	ISO 2593

**Note:**

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.