



GEAR ZC 90 – ZC 140

REV.1 OF MARCH /2013

LEVELS OF QUALITY

The lubricants of the series GEAR ZC comply with the following levels of quality:

API GL-4 · MAN342M1 - MB 235.0 - ZF TE-ML
07A,16 A, 17A, 19A, 21A · VOLVO 97310

PRODUCT DESCRIPTION

DUGLAS GEAR ZC are lubricants produced using the highest formulation levels with specifically selected additives which provide the product with outstanding thermal-oxidative stability and higher wear protection for cogwheels even under heavy conditions. Thanks to the innovative balancing of their formula components these products are able to operate successfully and permanently even with friction materials for synchronizers by oil bath transmissions.

APPLICATIONS

The Series GEAR ZC is recommended for the lubrication of gears and steering gearboxes of motor vehicles subject to moderate loads, of rear axles with bevel gears or torque hypoid gears, of worm gear speed reducers and of all systems requiring a lubricant of API GL-4 type. Their main characteristics are as follows:

- excellent compatibility with metals and seals used for transmissions;
- good wear protection at high speed for twisting couples and shock loads;
- good protection against corrosion and rust;
- long service life of charge;
- excellent performances at high speed.

TYPICAL FEATURES*

SAE Scale	90	140
Density at 15°C.Kg./dm3 ASTM D1298	0.880	0.890
Viscosity at 100°C.cSt ASTM D445	14.5	26.0
Viscosity Index ASTM D2270	100	98
Flammability V.A.°C ASTM D92	220	230
Pour Point °C ASTM D97	-21	-12

*The above mentioned values are indicative of production average values and are not an integral part of the specification.

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