

## TECHNICAL DATA SHEET

### TRANSMISSION ZC 140

*Manual transmission lubricant*

#### SPECIFICS

API GL-5  
ML-L-2105-D  
API MT -1 MAN 342 Type M2  
VOLVO 1273-10 MACK GO-J /GO-H  
ZF TE-ML 5A 7A 12 16B 16C 17B 19B 21A



#### TECHNICAL DESCRIPTION

High-performance lubricant specially formulated for differentials, transmission systems and heavily loaded axles requiring GL5 specification levels. It combines effective heavy-duty performance with exceptional wear protection even under high operating pressures, high speed, torque and shock loads. The high viscosity formulation is highly appreciated by the industry when the viscosity required by the transmission system manufacturer is not adequate to handle particularly demanding load conditions and shocks.

The use of such a product ensures:

- Maximum load resistance performance;
- Maximum duration and lengthening of the oil change interval;
- Total absence of vibration and noise;
- Very high thermal and oxidative stability;
- Exceptional friction control;
- Maximum resistance to wear;
- Maximum compatibility with materials used in these systems;
- Maximum cleaning action;
- Maximum anti-foaming action;
- High anti-corrosion and anti-rust properties.

*For further details, please contact the technical department*

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#### *Typical characteristics*

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm <sup>3</sup>	ASTMD7042	0,900
Viscosity 40°C	cSt	ASTMD445	370
Viscosity 100°C	cSt	ASTMD445	28
Viscosity Index	-	ASTMD2270	103
Flash Point	°C	ASTMD92	248
Freezing point	°C	ASTMD97	-15

#### MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

#### SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet.  
Additional information on MSDS.