

# Product Data Sheet

## Aminol™ Transmission TN8 75W-140 GL-5

Transmission oil

### Product description

Aminol™ Transmission TN8 75W-140 GL-5 is a versatile gear oil engineered to meet demanding performance standards, including API GL-5 specifications. Tailored explicitly for robust drivetrains, it caters to gear lubrication needs requiring high viscosity and exceptional load-bearing capacity, ideal for environments with extreme pressures and shock loading.

### Application

- Heavy duty manual transmissions, axles and final drives requiring API GL-5 performance
- On highway light and heavy duty trucks, busses and vans
- Off highway industries including: construction, mining, quarrying, and agriculture
- Other heavy duty industrial gear drives including hypoid and worm gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail

### Features & Benefits

- Exceptional thermal and oxidation stability
- Extended gear and bearing life
- Outstanding protection against wear in various speeds and torques
- Increased load-carrying capability
- Retention of viscosity and film strength under severe conditions
- Exceptional low-temperature fluidity compared to mineral oils
- Reduced wear and easy start-up
- Good resistance to foaming

### Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm <sup>3</sup>	ASTM D 4052	0.861
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D 445	24.5
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D 445	183.9
Viscosity Index	-	ASTM D 2270	165
Flash Point (COC)	°C	ASTM D 92	226
Pour Point	°C	ASTM D 97	-36



Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

### Performance claims

- API GL-5
- MIL-L 2105 D
- MAN 342 M2
- ZF TE-ML 05A/07A/12E/16B/16C/16D/17B/19B/21A

### Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.aminol.az](http://www.aminol.az)

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

### Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

### Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.



## Notes

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