



Aminol Transmission TN8 75W-140 GL-5

Product Data Sheet

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 that require high viscosity and exceptional load-bearing capacity, making it ideal for environments with extreme pressures and shock loading.

Application

- Heavy-duty manual transmissions, axles, and final drives requiring API GL-5 performance
- On the highway, light and heavy-duty trucks, buses, 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 ³	ASTM D 4052	0.875
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	25.00
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	202.5
Viscosity Index	-	ASTM D 2270	160
Flash Point, COC	°C	ASTM D 92	200
Pour Point	°C	ASTM D 7346	-33
Copper Strip Corrosion	-	ASTM D 130	1b

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



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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

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 | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 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

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.



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