SPINTA 75W-80 GL-5/MT-1
Product Code: SP-TR-7580

SPINTA 75W-90 GL-5/MT-1
Product Code: SP-TR-7590

SPINTA 75W-140 GL-5/MT-1
Product Code: SP-TR-75140

100% Synthetic Gear and Transmission Lubricants

PRODUCT DESCRIPTION

SPINTA 75W-80 GL-5/MT-1, 75W-90 GL-5/MT-1 and 75W-140 GL-5/MT-1 are fully synthetic, high-performance lubricants developed for transmissions operating under demanding service conditions. Their formulation combines high-quality synthetic base oils with an advanced additive system designed to provide reliable lubrication under high loads, Extreme Pressure (EP) conditions and shock loading. The balanced formulation provides excellent protection of gears and bearings while maintaining reliable performance under severe operating conditions and extended service.

APPLICATIONS & BENEFITS

Advanced Synthetic Technology Fully synthetic base oils and advanced additives provide reliable performance under high loads, high speeds and severe-duty operation.

Wear & EP Protection Helps control friction and wear and protects heavily loaded gear surfaces under Extreme Pressure and shock-load conditions.

Thermal Stability Maintains lubricant performance and protection under demanding operating temperatures.

Low-Temperature Fluidity Supports rapid lubricant circulation during cold start-up, helping reduce initial wear and improve transmission operation.

KEY PERFORMANCE BENEFITS

Rust & Corrosion Protection Helps protect metallic transmission components against rust and corrosion.

Foam Resistance Helps maintain a stable lubricant film and minimize foam formation for consistent lubrication.

Seal Compatibility Compatible with a wide range of sealing elastomers, helping reduce leakage associated with seal deterioration.

Extended Component Protection Supports long service life of gears and bearings through stable lubrication and wear control.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels:

- API MT-1 / GL-5 / GL-4
- SAE J2360
- DTFR 12B140
- IVECO
- Scania STO 1:0
- MAN 341 Type E3/Z2
- MAN 342 Type M3
- MAN 342 Type S1
- Volvo 97312
- DAF
- Mack GO-J
- MIL-PRF-2105E
- ZF TE-ML 02B, 05B
- ZF TE-ML 07A
- ZF TE-ML 12B, 12L
- ZF TE-ML 12N, 16F
- ZF TE-ML 17B, 19C
- ZF TE-ML 21B
- DD DFS93K219.01
- ARVIN MERITOR 0-76-N

Recommendation: Always refer to the vehicle, equipment or transmission manufacturer's operating and maintenance manual to confirm the correct lubricant specification and SAE viscosity grade before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	75W-80	75W-90	75W-140
SAE Grade	-	75W-80	75W-90	75W-140
Appearance	Visual	Clear	Clear	Clear
Density @ 15°C, kg/dm³	ASTM D 4052	0.865	0.865	0.880
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	60.0	115.0	260.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	10.0	18.0	29.0
Viscosity Index	ASTM D 2270	160	170	160
Flash Point, °C	ASTM D 92	220	220	225
Pour Point, °C	ASTM D 97	-39	-39	-36

Note: *The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.*

STORAGE, HEALTH & ENVIRONMENT

STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, drums should preferably be stored horizontally and protected from rain and water infiltration. If stored upright, ensure adequate protection against water entry. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. For detailed precautions, handling and first-aid information, refer to the corresponding SPINTA Safety Data Sheet (SDS).

ENVIRONMENT

Do not discharge new or used lubricant into drains, sewage systems, soil or watercourses. Used lubricant must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.

Technical Service: SPINTA ITALIA S.r.l. | For further technical, safety or regulatory information, please contact SPINTA Technical Service.

Spinta Italia S.r.l.
Viale C. Battisti 15, 27100 Pavia (PV) – Italy
info@spinta-lub.it - www.spinta-lub.it