SPINTA 80W-90 GL-5/MT-1

Product Code: SP-TR-8090

SPINTA 85W-140 GL-5/MT-1

Product Code: SP-TR-85140

Manual Transmission and Axle Lubricants

PRODUCT DESCRIPTION

SPINTA 80W-90 GL-5/MT-1 and SPINTA 85W-140 GL-5/MT-1 are high-performance mineral lubricants designed for manual transmissions, gearboxes and axles operating under demanding service conditions. Selected mineral base oils and a dedicated additive system provide reliable lubrication, load-carrying capability, oxidation resistance and protection against wear in a wide range of automotive and heavy-duty applications.

APPLICATIONS & BENEFITS

Universal Application Suitable for manual gearboxes and axles requiring SAE 80W-90 or SAE 85W-140 and the listed API performance levels.
Wear Protection Anti-wear additive technology helps reduce premature wear and supports reliable component operation.

KEY PERFORMANCE BENEFITS

Heavy-Duty Performance Provides stable lubrication for heavily loaded synchronized and non-synchronized transmission and axle applications.
Seal Compatibility Compatible with a wide range of sealing elastomers, helping reduce lubricant leakage associated with seal deterioration.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels:

- API MT-1
- API GL-5
- API GL-4
- DTFR 12B100
- MIL-PRF-2105E
- SAE J2360
- MAN 342 M1
- MAN 342 M2
- Mack GO-J
- ZF 16B-D
- Scania STO 1:0
- ZF TE-ML 08
- ZF TE-ML 17B
- ZF TE-ML 05A, 07A
- ZF TE-ML 19B
- Volvo 1273.10

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	80W-90	85W-140
SAE Grade	-	80W-90	85W-140
Appearance	Visual	Clear	Clear
Density @ 15°C, kg/dm³	ASTM D 4052	0.880	0.900
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	125.0	340.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	16.0	27.0
Viscosity Index	ASTM D 2270	110	100
Flash Point, °C	ASTM D 92	220	225
Pour Point, °C	ASTM D 97	-30	-24

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, containers should be protected from rain and water infiltration. 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. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product 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.
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