TRIPTON® SEMI-SYNTHETIC GEAR OILS

DESCRIPTION:

TRIPTON® SEMI-SYNTHETIC GEAR OILS GL-5/GL-4, available in SAE viscosity grades 75W80, 75W85 and 80W90 are made from high quality base oils and premium additives to provide excellent load carrying ability, extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust, anti-corrosion and anti-foam properties.

FEATURES/BENEFITS:

TRIPTON® SEMI-SYNTHETIC GEAR OILS have the main characteristics as follows:

- Excellent compatibility with metals and seals used for transmissions.
- Good wear protection at high speed for
- twisting couples and shock loads
- Good protection against corrosion and rust
- Long service life of charge
- Excellent performances at high speed.

APPLICATIONS

TRIPTON® SEMI-SYNTHETIC GEAR OILS GL-5/ GL-4 are recommended for all cars, trucks and other heavy equipment gears requiring API Service GL-5 /GL-4 lubricants.
Recommended oil drain intervals are 100,000km to 300,000km (1 to 3 years) according to types of the manual transmission applications.

Physical and Chemical Properties

Property	ASTM's	Values	Values	Values	Values	Values	Values
SAE Grade (J306)	-	**75W-85**	**75W-90**	**80W-90**	**75W-85**	**75W-90**	**80W-90**
API Service or Oil Performance	-	GL4	GL4	GL4	GL5	GL5	GL5
Density @15 °C/ g/mL	D1298	>0.850	>0.850	>0.850	>0.850	>0.850	>0.850
Viscosity @ 40 °C; cSt	D445	>82	>110	>110	>82	>110	>110
Viscosity@100 °C; cSt	D445	11-13.5	13.5-24	13.5-24	11-13.5	13.5-24	13.5-24
Viscosity Index, mini	D2270	120	120	120	120	120	120
Pour Point °C, max	D97	-21	-21	-15	-21	-21	-15
Flash Point (COC) °C, mini.	D92	150	150	165	150	150	165
Foaming (Seq I/Seq II/Seq III)	D892	20/50/20 (0/0/0)					
TAN mg KOH/g	D974	0.5-1.5					
TBN mg KOH/g, mini	D4294	0.75					
Cu Strip Corrosion (3h @ 121°C)	D130	2					
4Ball (Welding load) Kg	D2783	200			250		

The above values may vary within commercially accepted tolerances.

Packing:
The products are available in the following:

Code	TRL21nn02-01	TRL21nn02-02	TRL 21n n02-03
Pack (L)	200 L	20 L	18 L

Expiration date: *The recommended shelf life for these oils is typically 5 years from manufacturing date when stored properly in the original sealed containers.*

HANDLING AND STORAGE

Precautions for safe handling: Keep away from sources of ignition. No naked lights. No smoking. Do no eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. **Specific end use(s):** Use only as Automotive and Industrial Gear Oils.	**Storage:** All packages should be stored 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.

Health, Safety & Environment
Health and Safety

TRIPTON® Products are no any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

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