



SYNGEAR SP TL 521 45 MANUAL GEAR OIL

PRODUCT DESCRIPTION:

SYNGEAR SP TL 521 45 is a fully synthetic axle fluid designed for passenger cars. It is particularly suitable for high-offset hypoid drives, offering excellent gearbox efficiency. It can also be used as a fill-for-life fluid as recommended by the manufacturer, ensuring long-lasting performance and reliability.

APPLICATION:

SYNGEAR SP TL 521 45 is a synthetic axle fluid specifically designed for use in passenger cars. It is miscible and compatible with axle oils from other brands, allowing for easy mixing and compatibility when necessary. This flexibility makes it a versatile option for various automotive applications.

FEATURES & BENEFITS:

- Offers reliable operation under high stress in rear axle gearboxes during the whole oil operation interval (Fill-for-life)
- Protects reliably against wear, sludge formation, agglomeration and corrosion
- Offers an outstanding viscosity temperature behavior ensuring lubrication at very low as well as very high operating temperatures
- High thermal stability, which offers high lubricating film thickness and does not foam even under highest stress
- Compatible with many elastomers and other sealant materials

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	75W-90
API	GL-5
MIL	MIL-L-2105D
VW	TL 521 45-Y (G 052 145 A2)

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SYNGEAR SP TL 521 45
			75W-90
KV@ 104°F /40°C	D7042	cSt	TBR
KV@212°F /100°C	D7042	cSt	15.5
Viscosity Index (min)	D2270	-	140
Density @15°C	D4052	g/cm3	TBR
Flash Point (min)	D92	°C	200
Pour Point (max)	D97	°C	-45
Brookfield Viscosity @-40C	D2983	cp	120,000

DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

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

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.