SHIFT SPECIAL TL 521 45
GEAR OIL

PRODUCT DESCRIPTION:
Shift Special TL 521 45 is a fully synthetic axle fluid for passenger cars which offers good gearbox efficiency suitable for high-offset hypoid drives. It is suitable as fill-for life fluid according to manufacturer.

APPLICATION:
SHIFT SPECIAL TL 521 45 is a synthetic axle fluid for passenger cars. It is miscible and compatible with other branded axle oils.

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)

* Phosphorus limit exceeds.

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	SHIFT SPECIAL TL 521 45
			75W-90
KV@ 104°F /40°C	D7042	cSt	110.6
KV @ 212°F /100°C	D7042	cSt	15.6
Viscosity Index	D2270	-	150
Density@15°C	D4052	g/cm3	0.850
Flash Point (min)	D92	°C	200
Pour Point (max)	D97	°C	-45
Brookfield Viscosity @-40C	D2983	cp	120,000

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this 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.lubrex.net

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.lubrex.net

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.

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