



## **MANUAL TRANSMISSION OIL**

## **NISOTEC HIPO SINT TDL SAE 75W-90**

NISOTEC HIPO SINT SAE 75W-90 is synthetic automotive gear oil, specially developed as a Total Driveline Lubricant with extended drain interval. Due its special formula according to the highest requirements of Total Driveline concept provide exceptional protection against combination of thermal degradation, component wear and oil-seal deterioration. NISOTEC HIPO SINT SAE 75W-90 is multipurpose gear lubricants recommended for the lubrication of hypoid differentials, final drives, manual transmissions and transfer cases. Features and Benefits:

- Excellent lubrication under extreme conditions and easy gear shifting
- Significantly reduces transmission and differential temperatures
- Very low pour point, high viscosity index and shear stability
- Excellent thermal and oxidation stability
- Rust and corrosion protection and antifoam properties
- High load carrying capability

**Performance Levels:** API MT-1, API GL-5/GL-4, MIL-PRF-2105E, SAE J2360, MB 235.8, ZF TE-ML 2B, 05B, 12L, 12N, 16F, 17B, 19C, 21B; MAN 341 Z2&E3, MAN 342 M-3, Scania STO 1:0, Mack GO-J, Iveco, DAF, Renault, Meritor 0-76N

#### Characteristics

Properties	Units	Typical Values	Methods	
Density at 15°C	g/cm <sup>3</sup>	0.868	ASTM D 4052	
Kinematic viscosity at 100°C	mm²/s	15.5	SRPS ISO 3104	
Index viscosity	-	150	SRPS ISO 2909	
Dynamic viscosity (Brookfield) at -40 °C	mPas	68000	ASTM D2983	
Pour point	°C	- 56	SRPS ISO 3016	
Flash Point, COC	°C	205	SRPS EN ISO 2592	
Foaming seq I/II/III	mL/mL	0/0, 0/0, 0/0	SRPS ISO 6247	
Copper corossion, 3h, 121°C	class	1b	SRPS ISO 2160	

# Storage and handling instructions

Follow storing and handling instructions given in SDS. Store in the original container, in dry and good ventilated area. Protect from direct atmospheric influences.

## **Packaging**

0.1L	0.25L	0.5L	1L	2L	4L	10L	60L	175KG	IBC	AC
			Х					Х		