



Transmission fluid

PARUS

1. Product Description:

PARUS oil is non-chlorine transmission fluid formulated upon selectively refined, solvent dewaxed and hydrorefined oil distillates received from crude oil. It contains a properly selected package of additives improving antioxidation, anticorrosion and lubrication properties as well as viscosity and temperature attributes.

The oil is designed for application in hypoid gears of passenger cars, trucks, buses and other mechanical vehicles working under moderate loading conditions.

2. Features:

The oil formula guarantees:

- Excellent cleanness of a transmission,
- easy start-ups at low temperatures,
- reduces gear elements wear,
- designed for work in drives of vehicles and machines.

3. The oil application guarantees effective operation of :

- drives where API GL-4 SAE 80W/90 oil is required,
- industrial drives where transmission fluid of VG 150 viscosity and L-CKC/CKD, DIN-CLP quality is required.

4. A Table of Typical Technical Properties:

No.	parameter	norm	unit	value
1.	Kinematic viscosity at 100°C	ASTM D-445	mm ² /s	14,5
2.	Pour point	ASTM D-5950	°C	-33
3.	Flash-point	PN-EN ISO 2592	°C	225
4.	Brookfield viscosity at -26°C	PN-83/C-04023	mPa*s	120000
5.	Viscosity index	ASTM D-2270		110
6.	Welding load Pz	PN-76/C-04147	daN	310
7.	Load wear index lh	PN-76/C-04147	daN	50
8.	Scar diameter after the 39 daN Test	PN-76/C-0414 7	mm	0,5

The above given data are values received at normal tolerance of production batch, they are not included in technical specification and they can undergo changes for constant development of the product.



5. Specifications/ classifications:

- **SAE 80W/90,**
- **API GL-4**

6. Storage:

The products should be stored under a roof. If they are stored in the open air where they can be exposed to atmospheric conditions – rains, they should be placed in a horizontal position in order to avoid inrush of water to a container and to prevent label damaging; they should be covered with tarpaulin.

The products should not be stored at the temperature above 60°C and in the places where solar radiation is very strong or – temperatures very low.

7. Safety:

Information concerning safety is included in the product Safety Sheet. It contains detailed information on possible threats, warnings, first aid as well as the impact on the environment and ways of utilization of the used products. LOTOS Oil SA and the cooperating companies do not take responsibility for misuse of the product or – the use with the violation of the precautions given. Before using the product for other than recommended purposes, seek advice in the local LOTOS Oil SA office.