

MOTOR VEHICLE LUBRICANTS

CEPSA TO-4

DESCRIPTION

Oil formulated to meet the requirements of the CATERPILLAR TO-4 specification.

PRODUCT APPLICATIONS

• Lubricant especially recommended for transmissions, torque converters, transfer cases and final drives.

PRODUCT PERFORMANCE

- Good antiwear and extreme-pressure properties.
- High oxidation stability.
- Great resistance to foam formation.
- Excellent protection against rust and corrosion.
- Compatible with sealant materials.
- Excellent load-carrying capacity, preventing metal-to-metal contact.
- Prevents oil degradation at high temperatures.
- Perfect lubrication at any operating speed.
- Prevents chemical attack on metal surfaces.
- Prevents seal deterioration.

SPECIFICATIONS

- CAT TO-4
- ALLISON C-4
- KOMATSU MICRO CLUTCH
- ZF TE-ML 03C (SAE 10W y SAE 30) y 07F (SAE30)

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA TRANSMISIONES TO-4		
			10W	30	50
Grado SAE					
Density at 15°C	Kg/l	D-4052	0.886	0.896	0.904
Flash Point (COC)	°C	D-92	220	250	260
Pour Point	°C	D-97	-36	-24	-18
Viscosity at 100°C	cSt	D-445	6.1	11.0	16.7
Viscosity at 40°C	cSt	D-445	35	95	178
Viscosity Index	-	D-2270	95	95	95
Copper Corrosion (2h. 100)	°C	D-130	1A	1A	1A

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.