

MAXICER TO-4 - Series

DESCRIPTION:

High-quality transmissions fluid (TDTO, Transmission/Drive Train Oil), especially formulated to work in systems which operate at high pressures. Made of highly refined paraffinic oils and latest generation additives, particularly designed to comply with the Caterpillar TO4 specification.

PROPERTIES & ADVANTAGES:

- ✓ Great resistance to oxidation and aging.
- ✓ Excellent load capacity, minimizing gear wear and tear.
- ✓ High work factor.
- ✓ Great deaeration power. Detergent properties.
- ✓ Excellent friction control, noise reduction in wet brakes.
- ✓ Compatibility with elastomers.
- ✓ Lengthens the life of brakes and transmissions.

APPLICATIONS:

- ✓ Final drives, gearboxes, hydraulic systems which require a fluid with the characteristics indicated, transmissions, wet brakes.
- ✓ Engine lubricant where there is a requirement for a single grade lubricant of these viscosities and quality level API CF/CF-2 or less.
- ✓ Not recommended in cogeneration engines where gas is used as carburant.

SPECIFICATIONS:

ALLISON C-4	KOMATSU MICRO-CLUTCH
API CF	KOMATSU KES 07.868.1
CATERPILLAR TO-4	ZF TE-ML 03C ^{1,2} , 07F ²

¹ SAE 10W ; ² SAE 30

TECHNICAL DATA:

PHYSICAL - CHEMICAL CHARACTERISTICS	STANDARD	VALUE		
		10W	30	50
SAE grade	J300	10W	30	50
Viscosity at 100°C (cSt)	ASTM D-445	Min. 4.1	9.3 - 12.5	16.3 - 21.9
Viscosity index, minimum	ASTM D-2270	95	95	95
Pour point (°C)	ASTM D-97	< -30	< -15	< -12
Flash point COC (°C)	ASTM D-92	> 180	> 220	> 240
TBN (mg KOH/g), min	ASTM D-2896	7.9	7.9	7.9

Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.

PACKAGING:

20L jerrycan, 200L drum and 1000L IBC.