

## TRANSFLUID HD - 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 deaerating 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 <sup>1,2</sup> , 07F <sup>2</sup>

<sup>1</sup> SAE 10W; <sup>2</sup> SAE 30

### TECHNICAL DATA:

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

### PACKAGING:

20L jerry can, 208L drum and 1000L IBC

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