



PRODUCT DATA SHEET

ADNOC Transmission Oil T4

DESCRIPTION

ADNOC Transmission Oil T4 is a series of high quality transmission fluids, formulated from high quality base oils and carefully selected additive package that provide excellent friction control, protection against rust, corrosion and wear and high oxidation resistance that results in a product with excellent field proven performance.

APPLICATIONS

ADNOC Transmission Oil T4 is recommended for both newly developed and older model drive train components like powershift transmissions, final drives and hydraulic systems. It is mainly formulated to meet Cat TO-4 specification and to be used in Caterpillar equipment that require this specification. It can also be used in other equipment from Komatsu, Allison and ZF that require the following specification.

BENEFITS

- **Excellent friction control to meet brake and clutch capacity needs**
- **Smooth and quiet wet-disc brake operation**
- **Maximize equipment life**
- **Excellent oxidation stability provides long drain intervals**
- **Good elastomer compatibility**
- **Effective control of sludge, varnish and deposits formation**

PERFORMANCE LEVEL

API CF

Allison C-4 (SAE 10W, 30)

Caterpillar TO-4

Komatsu KES 07.868.1

ZF TE-ML-03C (SAE 10W, 30)

ZF TE-ML-07F (SAE 30)

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PRODUCT TYPICAL CHARACTERISTICS

Properties	Units	SAE					Test Methods
		10W	30	40	50	60	
Density @15°C	kg/L	0.880	0.892	0.897	0.900	0.920	ASTM D1298
Kinematic Viscosity @40°C	mm ² /s	37.20	93.15	136.4	203.6	309.7	ASTM D445
Kinematic Viscosity @100°C	mm ² /s	6.000	11.10	14.03	18.43	24.28	ASTM D445
Viscosity Index	-	105	105	100	100	99	ASTM D2270
Pour Point	°C	-33	-18	-12	-9	-9	ASTM D97
Flash Point, COC	°C	222	230	240	250	260	ASTM D92

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.

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