

AUT-0015-0506E

TD Oil

Traction Drive Fluid

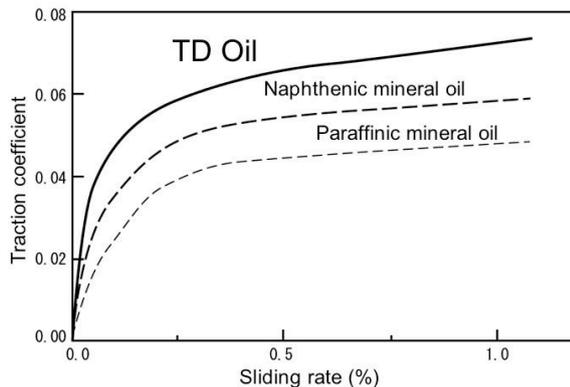
TD Oil is a high-grade synthetic lubricating oil specially designed for power transmission devices with traction drives. **TD Oil** is blended from a synthetic base oil with outstanding traction characteristics together with additives that ensure excellent oxidation stability, wear prevention, rust prevention, and defoaming.

● SPECIAL FEATURES

1. **TD Oil is made with a base oil that has excellent traction characteristics, so it offers the following advantages when used in power transmission devices with traction drives:**

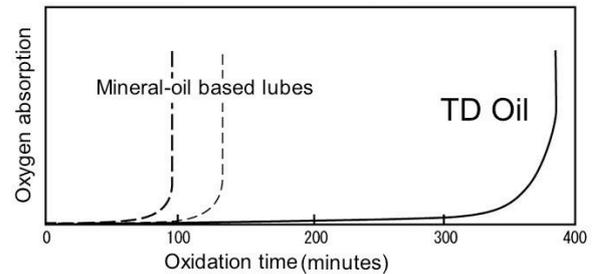
- (1) High power transmission rate.
- (2) High-horsepower power transmission.
- (3) Excellent starting characteristics without slipping.
- (4) Reduced rolling fatigue and longer equipment life.

Traction characteristics

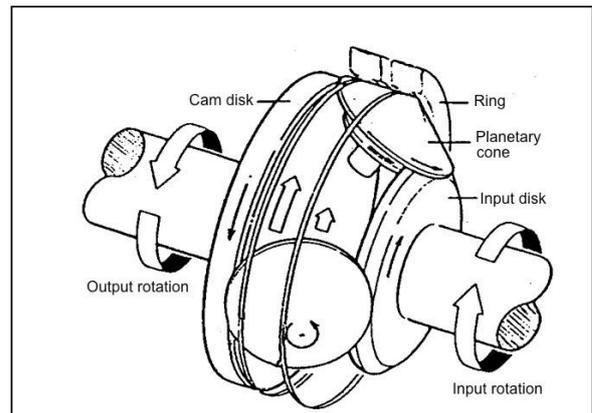


2. **Because TD Oil is made from 100% synthetic oil, it has extremely good oxidation stability. As a result, its quality remains consistently excellent for a very long time.**

Oxidation stability (RBOT method)



Rolling friction CVT



● APPLICATIONS

Traction-drive-type continuously variable transmissions in all types of machine tools, industrial machinery, etc.

● CONTAINERS

200-liter drums (#10 and #22 only) and 20-liter pail cans.

● Typical Properties of TD Oil

	Grade		10	22	150
Density	(15°C)	g/cm ³	0.840	0.861	0.862
Color			Blue	Light red	Orange
Kinematic viscosity	(40°C)	mm ² /s	9.9	21.6	151
	(100°C)		2.4	3.6	10.9
Pour point		°C	< -50	< -50	-32.5
Flash point	(COC)	°C	112	130	192
TAN		mgKOH/g	0.6	0.9	2.0
Copper strip corrosion			1a	1a	1a
Rust prevention test			Passed	Passed	Passed

Note: The typical properties may be changed without notice. (June 2005)



Handling Precautions

▼ Follow the following precautions when handling this product.

- Read this product's Material Safety Data Sheet before using the product.
- Obey all applicable laws and regulations concerning the handling and disposal of this product, particularly laws and regulations related to fire safety, the treatment and disposal of waste and sewage, the prevention of water and ocean pollution, and workplace safety and hygiene.

Please request the Material Safety Date Sheet where you purchased this product.

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