

TD Oil

Traction Drive Fluid

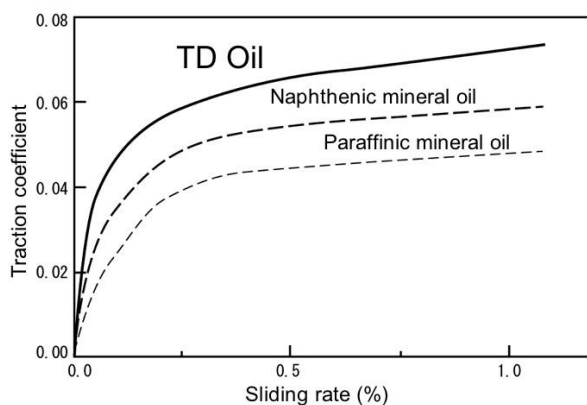
TD Oil is a high-grade synthetic lubricating oil specially designed for power transmission devices with traction drives. **TD Oil** is blended from a synthetic base oil with outstanding traction characteristics together with additives that ensure excellent oxidation stability, wear prevention, rust prevention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

● 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:**

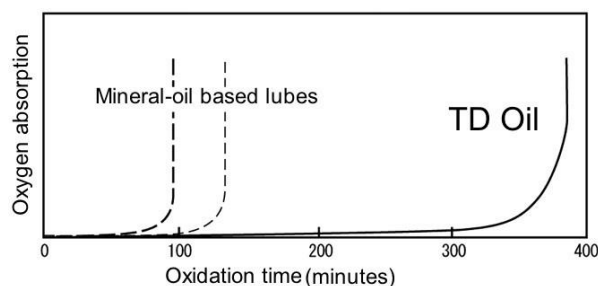
- (1) High power transmission rate.
- (2) High-horsepower power transmission.
- (3) Excellent starting characteristics without slipping.
- (4) Reduced rolling fatigue and longer equipment life.

Traction characteristics

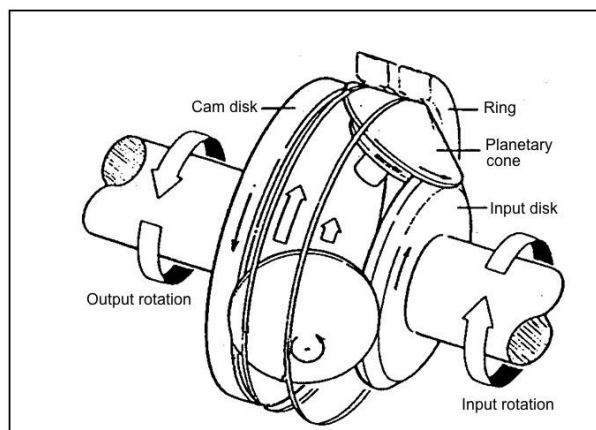


2. **Because TD Oil is made from 100% synthetic oil, it has extremely good oxidation stability. As a result, its quality remains consistently excellent for a very long time.**

Oxidation stability (RPVOT)



Rolling friction CVT



● APPLICATIONS

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

● CONTAINERS

200-liter drum (#10 and #22 only), 20-liter pail can

● TYPICAL PROPERTIES OF TD OIL

Grade			10	22	150
Color	(ASTM)		Blue	Light red	L2.5
Density	(15°C)	g/cm ³	0.839	0.862	0.865
Kinematic viscosity	(40°C)	mm ² /s	9.95	22.6	146
Flash point	(COC)	°C	120	150	200
Pour point		°C	-50.0	-50.0	-32.5
Acid number		mgKOH/g	0.51	0.98	2.0
Copper strip corrosion (100°C, 3 h)			1	1	1
Rust prevention test (distilled water, 60°C, 24h)			No rust	No rust	No rust

Note: The typical properties may be changed without notice. (March 2024)



Handling Precautions

▼ Follow these precautions when handling this product.

TD OIL 10

Composition :	Base Oil(s), Additives
Hazard pictograms:	
Signal word:	Danger
Hazard Statement:	May be fatal if swallowed and enters airways Harmful to aquatic life Harmful to aquatic life with long lasting effects
Precautionary Statements: Prevention	<ul style="list-style-type: none"> • Do not handle until all safety precautions have been read and understood. • Wear protective gloves/protective clothing/eye protection/face protection. • Do not allow the eyes to become exposed to the product. Do not swallow the product. • Avoid release to the environment. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none"> • IF SWALLOWED: Immediately call a POISON CENTER/doctor. • IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. • If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician. • IF ON SKIN: Wash with plenty of soap and water. • Do NOT induce vomiting.
Storage	<ul style="list-style-type: none"> • The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. • Containers that have been opened must be tightly sealed. • Store locked up.
Disposal	<ul style="list-style-type: none"> • Dispose of contents/container in accordance with local/regional/national/international regulations. • If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.

TD OIL 22

Composition :	Base Oil(s), Additives
Hazard pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Harmful to aquatic life Harmful to aquatic life with long lasting effects
Precautionary Statements: Prevention	<ul style="list-style-type: none"> • Do not handle until all safety precautions have been read and understood. • Wear protective gloves/protective clothing/eye protection/face protection. • Do not allow the eyes to become exposed to the product. Do not swallow the product. • Avoid release to the environment. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none"> • IF SWALLOWED: Immediately call a POISON CENTER/doctor. • IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. • If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician. • IF ON SKIN: Wash with plenty of soap and water.
Storage	<ul style="list-style-type: none"> • The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. • Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none"> • Dispose of contents/container in accordance with local/regional/national/international regulations. • If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.

TD OIL 150

Composition :	Base Oil(s), Additives
Hazard pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
Precautionary Statements: Prevention	<ul style="list-style-type: none"> • Do not handle until all safety precautions have been read and understood. • Wear protective gloves/protective clothing/eye protection/face protection. • Do not allow the eyes to become exposed to the product. Do not swallow the product. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none"> • IF SWALLOWED: Immediately call a POISON CENTER/doctor. • IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. • If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician. • IF ON SKIN: Wash with plenty of soap and water.
Storage	<ul style="list-style-type: none"> • The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. • Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none"> • Dispose of contents/container in accordance with local/regional/national/international regulations. • If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.