

POWER TORQUE FLUID

Transmission Oil for Fluid Torque Converters

Power Torque Fluid is high performance transmission oil of DEXRON-III grade, especially for the fluid torque converters in construction machine and industrial equipment. It consists of hydrocracked base oil and additives, which are well balanced friction modifier, detergent, oxidation inhibitor, VI improver, corrosion inhibitor and deformer.

● SPECIAL FEATURES

1. High viscosity index and good low temperature property

Power Torque Fluid indicates proper viscosity at low and high temperatures, because of high VI base oil, named VHDC, and special VI improver.

2. Excellent Oxidation Stability

Power Torque Fluid consists of highly refined stable base oil and high-performance oxidation inhibitors, so this oil possesses outstanding oxidation stability and can be used for long periods of time.

3. Good Compatibility with Transmission Components

Power Torque Fluid has good compatibility with both the seals and other non-metallic components of transmissions and with washers, clutches and other metallic components, so it prevents corrosion and maintains good performance for fluid joints and fluid torque converters.

4. Good Friction Property

Power Torque Fluid shows excellent friction property at wet clutch brake and so on, because of selected friction modifiers.

● APPLICATIONS

Power Torque Fluid is suitable for fluid torque converters for the following applications;

(1) Industrial machinery

Fans, blowers, pumps, etc

(2) Construction machinery

Tractors, bulldozers, cranes, winches, etc.

(3) Cargo handling machinery

Forklifts, lumber handling equipment, conveyors, etc.

(4) Ship deck equipment

(5) Dredging vessels

Pumping vessels, bucket vessels, dipper vessels, etc.

(6) Mining machinery

Drilling machines, crushers, etc.

● CONTAINERS

200-liter drums and 20-liter cans.

● TYPICAL PROPERTIES OF

Power Torque Fluid

Density (15°C)	g/cm ³	0.851
Flash point (COC)	°C	217
Kinematic (40°C)	mm ² /s	34.05
viscosity (100°C)	mm ² /s	7.354
Viscosity index		190
Low temperature viscosity		9.5
	(-20°C) mPa·s	1020
	(-30°C) mPa·s	3700
	(-40°C) mPa·s	17800
Pour point	°C	-50
Acid number	mgKOH/g	0.86
Base number(D664)	mgKOH/g	1.45
Aniline point	°C	107.2
Foaming Seq. I	ml/ml	0/0
Seq. II	ml/ml	20/0
Seq. III	ml/ml	10/0

Note: The typical properties may be changed without notice. (June 2002)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
Precautionary Statements:	<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.
Prevention	
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.• 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.