

# 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 highly refined base oil with high VI and special VI improver.

#### 2. Excellent Oxidation Stability

**Power Torque Fluid** consists of highly refined 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 and with washers, clutches and other metallic components of transmissions, 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 drum and 20-liter can

### ● TYPICAL PROPERTIES OF

#### Power Torque Fluid

Density (15°C)	g/cm <sup>3</sup>	0.851
Flash point (COC)	°C	210
Pour point	°C	-52.5
Kinematic viscosity (40°C)	mm <sup>2</sup> /s	34.3
Kinematic viscosity (100°C)	mm <sup>2</sup> /s	7.37
Viscosity index		189
Low temperature viscosity (Brookfield)		
(-40°C)	mPa·s	7,770
Acid number	mgKOH/g	0.81
Base number (ASTM D4739)	mgKOH/g	1.34
Aniline point	°C	108.3
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. (March 2024)



## Handling Precautions

▼ Follow these precautions when handling this product.

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