

NEW PAN TORQUE B

Transmission Oil for Fluid Torque Converters in Vehicles

NEW PAN TORQUE B is a transmission oil for fluid torque converters in railway cars, construction machinery, transportation machinery, large buses and trucks, and other vehicles. It is blended from highly refined base oil and an optimal blend of detergents, oxidation inhibitors, viscosity index improvers, corrosion inhibitors, defoamers, and other carefully selected additives.

● Special Features

1. Good Low-temperature Flow Properties

In order to minimize the power loss in fluid couplings and torque converters, transmission oils should have a low viscosity with little viscosity increase even in cold locations. At the same time, however, there must not be any sharp viscosity drops at high temperatures in hydraulic systems and components that require good lubrication performance.

NEW PAN TORQUE B is blended with highly refined base oil and together with carefully selected viscosity index improvers, so it provides the ideal viscosity at both high and low temperatures.

2. Good Oxidative Stability

If a transmission oil undergoes oxidative degradation and forms sludge or varnish, it can cause clogging of hydraulic systems and other problems.

NEW PAN TORQUE B is blended with high-performance oxidation inhibitors, so this transmission oil possesses outstanding oxidative stability and can be used for long periods of time.

3. Good Compatibility with Transmission Components

NEW PAN TORQUE B has good compatibility with both the seals and other nonmetallic 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.

● Applications

NEW PAN TORQUE B is suitable for fluid torque converters for the following applications:

- (1) Transportation machinery
Diesel locomotives, large buses and trucks, etc.
- (2) Construction machinery
Tractors, bulldozers, cranes, winches, etc.
- (3) Cargo handling machinery
Forklifts, lumber handling equipment, conveyors, etc.
- (4) Industrial machinery
Fans, blowers, pumps, etc.
- (5) Ship deck equipment
- (6) Dredging vessels
Pumping vessels, bucket vessels, dipper vessels, etc.
- (7) Mining machinery
Drilling machines, crushers, etc.

● Containers

200-liter drums and 20-liter cans

● Typical Properties of NEW PAN TORQUE B


ASTM Color			L1.5
Density	(15°C)	g/cm ³	0.863
Flash point	(COC)	°C	189
Pour point		°C	-40
Kinematic viscosity	(40°C)	mm ² /s	18.39
	(100°C)	mm ² /s	4.129
Viscosity index			129
Acid Number		mgKOH/g	1.36
Base Number(D664)		mgKOH/g	2.73
Aniline point		°C	94.1

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



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Precautionary pictograms:	
Signal word:	Danger
Hazard Statement:	Causes serious eye irritation May be fatal if swallowed and enters airways
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 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.• IF IN EYES: Rinse continuously with water for several minutes.• Remove contact lenses if present and easy to do. Continue rinsing.
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.