

TORCON AW

Torque converter oils (18-N, 32-N)

TORCON AW is a torque converter oil for fluid coupling in all industries such as construction machinery, industrial machinery, diesel locomotive, small boat, etc. It is excellent in oxidation stability, anti-foaming property and anti-wear performance, and it can be used under severe operating conditions.

● SPECIAL FEATURES

1. Excellent Oxidation Stability

Deterioration of transmission oil generates sludge or varnish which may cause troubles such as flow path shutoff of hydraulic system.

TORCON AW maintains good performance even for long-term use, because it has excellent oxidation stability by containing carefully selected antioxidant.

2. Excellent anti-foaming characteristics

TORCON AW has excellent defoaming characteristics by carefully selecting the defoaming agent. Therefore, the transmission loss due to the generation of bubbles is small, and the transmission efficiency is high.

3. Good Compatibility with Transmission Components

Power Torque Fluid has good compatibility with both the non-metallic components such as seals and metallic components such as clutches and washers. As a result, it prevents corrosion and maintains good performance for fluid joints and fluid torque converters.

● APPLICATIONS

- (1) Torque converter for industrial transport vehicles
- (2) Torque converter for power transmission of internal combustion engine

● CONTAINERS

200-liter drums and 20-liter cans.

● TYPICAL PROPERTIES OF TORCON AW

Species	18-N	32-N
ISO VG	18*	32
Color (ASTM)	L1.0	L1.0
Density(15°C) g/cm ³	0.870	0.868
Kinematic (40°C) mm ² /s	18.8	30.8
viscosity (100°C) mm ² /s	4.20	5.81
Viscosity index	130	134
Flash point (COC) °C	182	222
Pour point °C	≤-47.5	-45
Acid number mgKOH/g	2.56	1.96
Foaming(93.5°C) ml	240	10 or 0
Antifoaming time sec	20	0

Note: The typical properties may be changed without notice. (October 2018)


*Viscosity grade 18 is a special grade which is not included in the ISO viscosity grades.



Handling Precautions

▼ Follow these precautions when handling this product.

TORCON AW 18-N

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.

TORCON AW 32-N

Composition :	Base Oil(s), 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.