

# 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

**TORCON AW** maintains good lubricating performance even with long-term use, due to its excellent oxidation stability and the suppression of sludge formation, achieved by containing carefully selected antioxidants.

#### 2. Excellent anti-foaming characteristics

**TORCON AW** exhibits excellent anti-foaming characteristics due to the use of carefully selected anti-foaming agents. As a result, it minimizes transmission loss caused by bubble formation, ensuring high transmission efficiency.

#### 3. Excellent Rust Prevention and Anti-corrosion Properties

**TORCON AW** is formulated with carefully selected rust inhibitors and metal deactivators, effectively preventing rust and corrosion on the various components of the torque converter.

### ● CONTAINERS

200-liter drum and 20-liter can

### ● TYPICAL PROPERTIES OF TORCON AW

Species		18-N	32-N
ISO VG		18*	32
Color (ASTM)		L0.5	L0.5
Density(15°C)	g/cm <sup>3</sup>	0.871	0.869
Kinematic (40°C)	mm <sup>2</sup> /s	19.1	32.1
viscosity (100°C)	mm <sup>2</sup> /s	4.22	5.96
Viscosity index		129	133
Flash point (COC)	°C	180	224
Pour point	°C	<-47.5	-45.0
Acid number	mgKOH/g	2.65	2.00
Foaming (93.5°C)	ml	220	10
Antifoaming time	sec	24	0

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

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

### ● APPLICATIONS

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





## Handling Precautions

▼ Follow these precautions when handling this product.

### TORCON AW 18-N

<b>Composition :</b>	Base Oil(s), Additives
<b>Hazard pictograms:</b>	
<b>Signal word:</b>	Danger
<b>Hazard Statement:</b>	Causes serious eye irritation May be fatal if swallowed and enters airways
<b>Precautionary Statements:</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>• 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><li>• IF IN EYES: Rinse cautiously with water for several minutes.</li><li>• Remove contact lenses, if present and easy to do. Continue rinsing.</li><li>• If eye irritation persists: Get medical advice/attention.</li><li>• Do NOT induce vomiting.</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><li>• Store locked up.</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>



**TORCON AW 32-N**

<b>Composition :</b>	Base Oil(s), Additives
<b>Hazard pictograms:</b>	Not applicable
<b>Signal word:</b>	Not applicable
<b>Hazard Statement:</b>	Not applicable
<b>Precautionary Statements:</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>• 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>