

# HYRANDO TCF 32

## HYDRAULIC FLUID FOR GEARED TURBO COUPLINGS

**HYRANDO TCF 32** is a torque fluid specially developed as hydraulic fluid for geared turbo couplings. It provides the wear prevention and high-temperature stability required for use as a bearing oil, gear oil and hydraulic control fluid.

### ● SPECIAL FEATURES

#### 1. Outstanding Lubricity

**HYRANDO TCF 32** has been designed especially for the lubrication of gears in geared turbo couplings, and it provides outstanding wear prevention.

#### 2. Excellent Oxidation and Thermal Stability

Thanks to the excellent oxidation and thermal stability of **HYRANDO TCF 32**, this torque fluid can endure the high temperatures (above 100°C) that occur inside turbo couplings .

#### 3. Excellent Air Separation

**HYRANDO TCF 32** has been designed to provide excellent air separation, so any bubbles that form in the oil are removed easily.

### ● APPLICATIONS

geared turbo couplings

### ● SHIPPING CONTAINERS

200-liter drum

### ● TYPICAL PROPERTIES OF HYRANDO TCF 32

Appearance			Light yellow, Liquid
Color	(ASTM)		L0.5
Density	(15 °C)	g/cm <sup>3</sup>	0.871
Kinematic viscosity	(40 °C)	mm <sup>2</sup> /s	31.6
	(50 °C)	mm <sup>2</sup> /s	21.4
	(100 °C)	mm <sup>2</sup> /s	5.48
	Viscosity index		109
Flash point	(COC)	°C	218
Pour point		°C	-35
Acid number		mgKOH/g	0.74
Air separation	(50 °C)	min	3

Note: The typical properties may be changed without notice.  
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## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil, Additives
<b>Precautionary pictograms:</b>	Not applicable
<b>Signal word:</b>	Not applicable
<b>Hazard Statement:</b>	Not applicable
<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>• 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 or doctor/physician.</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>