

IND-4011-2405E

# SUPER HYRANDO EV 32

## Odor-minimized Hydraulic Fluid for Elevators

**SUPER HYRANDO EV 32** is a low-odor hydraulic fluid formulated with highly refined base oils and ashless additives, designed to minimize sludge formation over long-term use. This fluid is particularly ideal for hydraulic systems where odor is a concern, such as in hydraulic elevators.

### ● SPECIAL FEATURES

#### 1. Reduced Odor

The odor in conventional anti-wear hydraulic fluids is frequently attributed to the anti-wear agents and anti-oxidants, and tends to intensify not only in fresh oil but also in used oil.

**SUPER HYRANDO EV 32** is formulated with carefully chosen base oils and additives that are low in odor, and has been enhanced for better thermal stability. As a result, it effectively minimizes unpleasant odors in both new and long-term used oils.

#### 2. Superior Oxidation and Thermal Stability

**SUPER HYRANDO EV 32** boasts enhanced oxidation stability compared to traditional zinc-based anti-wear hydraulic fluids, thanks to its formulation with highly refined base oils and meticulously selected additives.

#### 3. Exceptional Temperature Performance

**SUPER HYRANDO EV 32**, utilizing highly refined base oils, boasts a high viscosity index, resulting in minimal viscosity variation with temperature changes. Additionally, its low pour point ensures consistent performance across a broad temperature spectrum, from very cold to high-temperature conditions.

#### 4. Superior Anti-Wear Performance

**SUPER HYRANDO EV 32** provides long-lasting protection against wear in pumps and system components, thanks to its superior anti-wear properties, ensuring consistently precise operation.

#### 5. Minimal Impact on Seal Materials

**SUPER HYRANDO EV 32**, with its high aniline point resulting from a carefully chosen blend of base oils and additives, exerts minimal impact on rubber seal materials.

#### 6. Exceptional Rust Inhibition

**SUPER HYRANDO EV 32** is formulated with superior rust inhibitors, effectively preventing rust caused by moisture ingress within the hydraulic system.

### ● APPLICATIONS

Hydraulic fluid for elevator hydraulic systems

### ● SHIPPING CONTAINERS

200-liter drum and 20-liter can

### ● TYPICAL PROPERTIES OF SUPER HYRANDO EV 32

Appearance			Light yellow, Liquid
Color	(ASTM)		L0.5
Density	(15 °C)	g/cm <sup>3</sup>	0.850
Kinematic viscosity	(40 °C)	mm <sup>2</sup> /s	31.2
	(100 °C)	mm <sup>2</sup> /s	5.89
Viscosity index			136
Flash point	(COC)	°C	236
Pour point		°C	-37.5
Copper strip corrosion (100 °C, 3h)			1
Rust test (distilled water, 60°C, 24 h)			No rust

Note: The typical properties may be changed without notice. (May 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>