

HYRANDO WIDE KV46(N)

Anti-wear hydraulic fluid for high-pressure hydraulic equipment

HYRANDO WIDE KV46(N) is hydraulic fluid that exhibits excellent anti-wear performance in high-pressure hydraulic equipment such as construction machinery and large industrial machinery. **HYRANDO WIDE KV46(N)** is a long-life type hydraulic oil that has excellent oxidation stability and thermal stability and it produces less sludge.

● Special Features

1. Outstanding anti-wear protection

HYRANDO WIDE KV46(N) is formulated with zinc-free extreme pressure additives with exceptional anti-wear properties, to protect against wear problems in high-pressure hydraulic pumps.

2. High oxidation stability and thermal stability

Formulated with highly refined base stock and high-performance antioxidants, **HYRANDO WIDE KV46(N)** stands up to high temperatures with minimal sludge formation. This helps prevent problems of malfunctioning valves and blocked filters.

3. Excellent low temperature performance

HYRANDO WIDE KV46(N) has excellent low temperature fluidity, so the hydraulic system can be started smoothly in cold regions.

4. Excellent anti-rust property

HYRANDO WIDE KV46(N) has excellent rust prevention performance, so it prevents rust generated in the hydraulic system.

5. Excellent anti-stick-slip properties

HYRANDO WIDE KV46(N) contains an anti-stick-slip additive to reduce abnormal noise from hydraulic cylinders.

6. Superior brake torque performance

HYRANDO WIDE KV46(N) has excellent brake torque performance and prevents various problems of hydraulic brakes.

● Applications

High-pressure hydraulic equipment for construction machinery, large industrial machinery, industrial vehicles, etc.

● Containers

Tank trucks, 200 liter drums & 20 liter pails.

● Typical properties of HYRANDO WIDE KV46(N)

Color	(ASTM)		L0.5
Density	(15 °C)	g/cm ³	0.855
Kinematic viscosity	(40 °C)	mm ² /s	46.2
	(100 °C)	mm ² /s	7.58
Viscosity index			130
Pour point		°C	-37.5
Flash point	(COC)	°C	244
Acid number		mgKOH/g	0.06
Copper strip corrosion test (100 °C, 3h)			1
Rust prevention (Artificial seawater, 24h)			No rust

Note: The typical properties may be changed without notice. (January 2014).



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Harmful to aquatic life Harmful to aquatic life with long lasting effects
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.• Avoid release to the environment.• 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.