

Technical Data Sheet (TDS)

Product Name:

RIDA Hydraulic Oil Series

Key Features

- ✓ Anti-wear Protection
- ✓ Oxidation Resistance
- ✓ Anti-foam Performance
- ✓ Resists Water Contamination

Rida Hydraulic Oil Series is a high-quality hydraulic fluid designed to meet the stringent requirements of major hydraulic equipment manufacturers. Its superior oxidation resistance and chemical stability ensure long oil life, even in moderate to severe operating conditions.

Designed to Perform

Oxidation Resistance – Extended Oil Life

- Protects hydraulic components by slowing oxidation, acid formation, and minimizing metal particle buildup
- Ensures extended oil life, even under high thermal stress, reducing maintenance costs

Antifoam – Enhanced System Efficiency

- Prevents foaming by enabling quick release of entrained air
- Reduces overheating risks and protects the oil surface from excessive oxygen exposure

Demulsibility – Water Separation for System Protection

- Prevents water and oil emulsion formation, ensuring efficient system performance
 - Reduces blockages in coalescers and coolers, minimizing the risk of emulsions affecting hydraulic components
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Performance Characteristics

Rida Hydraulic Oil Series is formulated with **high-quality base oils and an advanced additive system**, ensuring excellent protection for hydraulic systems operating under severe conditions.

- Designed for **high-pressure, high-output pumps**
- Compatible with **servo-valves and precision hydraulic systems**
- Meets stringent requirements for **modern industrial and mobile hydraulic systems**

These oils are developed to handle **extreme operating conditions**, providing reliability and efficiency in **industrial, construction, and mobile hydraulic applications**.

Typical Physical Characteristics

Property	Units	Test Method	26	32	46	68	100
Kinematic Viscosity @ 40°C	cSt	ASTM D445	26	32	46	68	100
Viscosity Index	-	ASTM D2270	> 95	> 95	> 95	> 95	> 95
Flash Point (COC)	°C	ASTM D92	> 220	> 220	> 230	> 230	> 240
Density @ 15°C	kg/l	ASTM 4052	0.860	0.870	0.875	0.88	0.885



These values represent typical production characteristics. Future specifications may vary based on Rida Lubricants' quality standards.

Health, Safety & Environmental Protection

Health & Safety

- This product is **not expected to pose significant health or safety hazards** when used as recommended
- Avoid contact with **skin and eyes**; use **impervious gloves** when handling used oil
- Wash thoroughly with **soap and water** after handling
- Refer to the **Material Safety Data Sheet (MSDS)** available through Rida Lubricants Sales Executive

Environmental Protection

-  **Dispose of used oil responsibly** at an authorized collection point
-  **Do not discharge used or new oil** into drains, soil, or water

Additional Information

For specific applications or technical advice, please contact your **Rida Lubricants Representative**.