RIDA HYDRAULIC OIL AW

- *Anti-wear protection*
- *Oxidation resistance*
- *Anti-foam performance*
- *Resist Water Contamination*

RIDA Hydraulic AW Series is a premium hydraulic oils with an extra boost of Anti wear additives intended for industrial and mobile service applications, subjected to moderate operating conditions and requiring anti-wear lubricants. Their effective oxidation resistance and chemical stability support good oil life in moderate to severe applications.

Designed to Perform

Oxidation Resistance – RIDA Hydraulic AW series provide a good oxidation resistance that protects the hydraulic internals by slowing down the rate of oxidation, acid formation and minimizes the production of fine metal particles. Additionally, this property helps to extends oil life particularly when subjected to unusually high thermal stresses thus maintenance costs are therefore reduced.

Anti-wear, Anti-corrosion & Anti-rust Protection – Longer Equipment Life, proven anti wear, anti-corrosion and anti-rust additive packages provide greater resistance and extend hydraulic life and provides low maintenance costs. These properties of RIDA Hydraulic AW series prevent rust development on the airend or any adjacent component of the hydraulic system thus preventing the moisture absorption of its metal parts.

Antifoam – Increased Performance
Easy release of entrained air which will protects in over heating of the system and protects the oil surface area in further exposure to oxygen.

Demulsibility – Component of Life Extension
Prevent the formation of water in oil emulsion and readily separates from water and help to reduce carryover to downstream equipment. It helps reduce blockage of coalescers, coolers and less potential for emulsion formation.

Performance Characteristics

RIDA Hydraulic AW series is a premium high performance hydraulic oils formulated with the finest quality of base stocks and additives to meet the demand for a wide range of hydraulic system. It is boosted with a special anti-wear and ant- oxidant additive which provide long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs. They were developed in conjunction with the major builders to meet the stringent requirements of severe hydraulic systems using high pressure, high output pumps as well as handling the critical requirements of other hydraulic system components such as close clearance servo-valves and the high accuracy numerically controlled (NC) machine tools. RIDA Hydraulic AW Series is recommended for most component manufacturers using various multi-metallurgy designs allowing a single product with outstanding performance characteristics.

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Technical Data Sheet (TDS)

Typical Physical Characteristics

Property	Temp	Units	Test Methods	Hydraulic Oil Series				
Viscosity Grade				32	46	68	100	150
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	32	46	68	100	150
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	5.4	6.7	8.5	11.1	14.6
Viscosity Index			ASTM D2270	102.3	97.4	94.1	95.5	95.6
Flash Point (COC)		°C	ASTM D92	> 220	> 230	> 230	> 240	> 250
Demulsibility	@ 54°C		ASTM D1401	15	15	20		
Demulsibility	@ 84°C		ASTM D1401				10	5
Density	@ 15 °C	Kg/l	ASTM 4052	0.870	0.875	0.88	0.885	0.889

These characteristics are typical of current product methods whilst future production will conform to RIDA Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS) which can be obtained from www.RIDAlubricants.com

Protect the Environment

- Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- Technical advice on any applications not covered here may be obtained from your RIDA Lubricants Representative.

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