

RENOLIN AW SERIES

Premium Hydraulic Oil with Anti-Wear Additives

Description

RENOLIN AW SERIES are premium quality lubricants combining superior additive technology with high VI Group II base oils that meet the performance characteristics required by all major hydraulic equipment manufacturers. Developed for heavy duty hydraulic applications requiring high performance anti-wear and extreme pressure protection, RENOLIN AW SERIES also provide outstanding thermal and hydrolytic stability for increased fluid life and reduced system downtime.

RENOLIN AW SERIES meet the requirements of all major hydraulic pump manufacturers including:

- Parker (formerly Denison) HF-0, HF-1 (piston pumps), HF-2 (vane pumps)
- Fives P-68 (AW 32), P-69 (AW 68), P-70 (AW 46)
- Eaton Brochure 03-401-2010
- U.S. Steel 127, 136
- DIN 51524, Part 2
- AFNOR E 48-603
- Bosch Rexroth RD90220
- General Motors LS-2, LH-03, LH-04, LH-6
- Lee-Norse 100-1
- B.F. Goodrich 0152
- Racine, variable volume vane pump

Advantages

- Manufactured with high quality hydrotreated, Group II base oils for improved oxidation resistance and longer service life
- Proven field performance
- Excellent anti-wear performance
- Exceptional oxidative and thermal stability
- Enhanced corrosion protection
- Superb anti-foam properties
- Excellent hydrolytic stability
- Excellent filterability in the presence of water
- Exceptional low temperature performance
- Excellent demulsification of water
- Seal compatibility

Storage and Safety

The product should be stored in its original sealed container at temperatures between 7°C (45°F) and 32°C (90°F).

Safety data sheets (SDS) are available. Before handling, read the product information and SDS for proper handling and health hazard information.

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Typical Chemical and Physical Properties

Property	Method	32	46	68
Viscosity (cSt @ 40°C)	D 445	32	46	68
Viscosity (cSt @ 100°C)	D 445	5.7	7.3	9.2
Viscosity Index	D 2270	120	120	109
Flash Point (°C/°F)	D 92	225/437	235/455	240/464
Pour Point (°C/°F)	D 97	-45/-49	-39/38	-33/-27
Specific Gravity (g/mL)	D 1298-80	0.851	0.856	0.860
Color Test	D 1500	1.5	1.5	1.5
4-Ball wear (mm scar)	D2266	0.3	0.3	0.3
Oxidation Hours (hrs)	D 943	5000+	5000+	5000+
Rust Procedure A & B, 24 hr	D 665	Pass	Pass	Pass
Copper Strip Corrosion Test, 3 hours @ 100°C	D 130	1a	1a	1a

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The information contained in this brochure is based on the experience and know-how of FUCHS LUBRICANTS CO. in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc.

For this reason, universally-valid statements about the function of our products are not possible. The information given in this Product Information sheet represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

We therefore recommend you consult a FUCHS LUBRICANTS CO. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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07-02-21, Page 3