

Perlube AW Series

Hydraulic Oils

Description

The **Perlube AW** series of oils are outstanding hydraulic and circulating oils designed to provide maximum service life in hydraulic systems, heat transfer systems, gear cases, friction clutches, and other industrial multifunctional applications.

The **Perlube AW** series are premium hydraulic oils that have been “double-treated” with anti-wear additives to produce a truly service-efficient oil. They are designed to provide long term, trouble-free service in high-output hydraulic systems.

Product Qualities

- Superior thermal and hydrolytic stability
- Outstanding anti-wear features provide excellent film strength and load carrying characteristics
- Formulated to meet the performance levels of all major hydraulic equipment manufacturer and user requirements and specifications including Sperry Vickers, Denison, and Cincinnati Milacron
- Effective demulsibility properties provide for rapid water separation
- Inhibited to prevent foaming and sludge formation

Typical Properties

TEST	AW-10	AW-15	AW-22	AW-32	AW-46
ISO Grade	10	15	22	32	46
ASTM, Color	1	1	1	1	1
Viscosity at 100°F (sus)	57.6 – 65.3	75.8 – 89.1	105 - 126	149 - 182	214 - 262
Viscosity @ 40°C (cst)	10	15	22	32	46
Viscosity Index	90 minimum				
Turbine Oil Rust Test (ASTM D-665)	Pass				
Turbine Oxidation (ASTM D-943)	2000 hours minimum				
Flash Point, COC, °F / °C (min)	260 / 127	380 / 193	380 / 193	380 / 193	380 / 193
Specific Gravity	0.85	0.86	0.86	0.87	0.87

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<u>TEST</u>	<u>AW-68</u>	<u>AW-100</u>	<u>AW-150</u>	<u>AW-220</u>
ISO Grade	68	100	150	220
ASTM, Color	2	3	4	4
Viscosity at 100°F (sus)	317 - 389	468 - 575	709 - 871	1047 - 1283
Viscosity @ 40°C (cst)	68	100	150	220
Viscosity Index	90 minimum			
Turbine Oil Rust Test (AST D-665)	Pass			
Turbine Oxidation (ASTM D-943)	2000 hours minimum			
Flash Point, COC, °F / °C (min)	410 / 210	410 / 210	410 / 210	410 / 210
Specific Gravity	0.88	0.88	0.89	0.89

Handling and Storage Instructions

Before handling and using the SDS should be read and understood by all personnel in contact with this product. General indoor storage at temperatures above freezing is recommended. Keep containers tightly closed when not in use.

Disposal

Any disposal of this product should be in compliance with all federal, state and local regulations. All industrial solutions may require some treatment before discharge. DuBois offers full service disposal and compliance consultation, backed by a full range of treatment chemicals. Detailed information is available from your DuBois Representative.

Precautions

KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Material Safety Data/Safety Data Sheet information for all warnings, recommendation for safety equipment, and other regulatory information. Copies of the Material Safety Data/Safety Data Sheet information can be ordered by calling 800-438-2647.