

COMPLETE METALWORKING SOLUTIONS  
(800) 991-4225      www.ahbinc.com  
ISO Certified      customerservice@ahbinc.com



# Maintenance Oils

## Signature Collection



| AW-Series

| WL-Series

| EP-Series

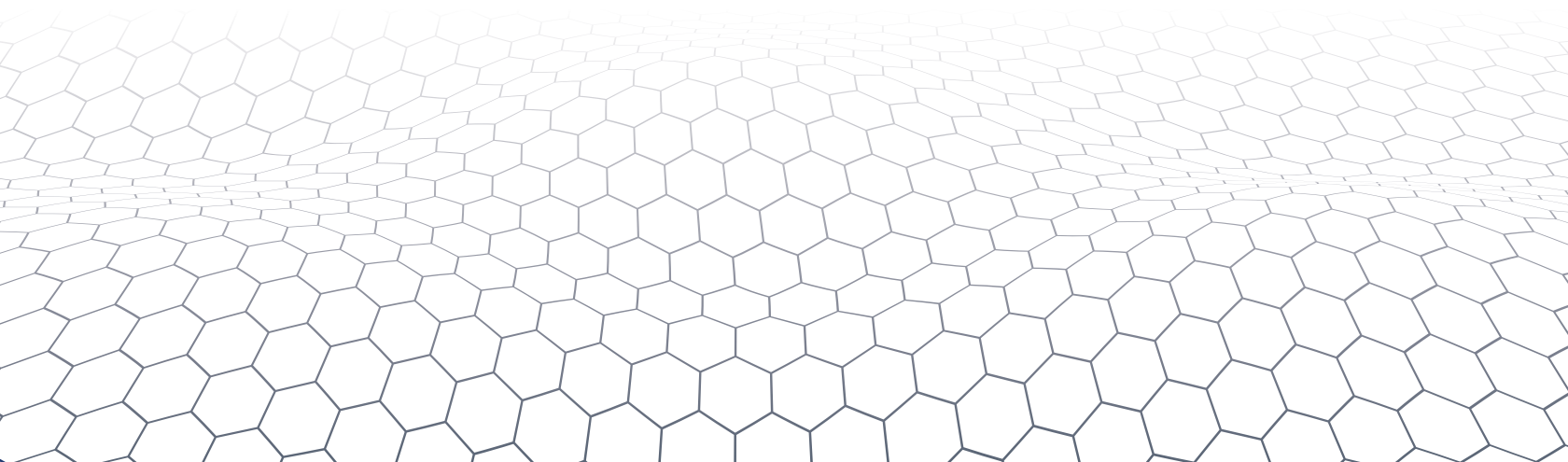
| RO-Series

| S-Series

# Table of Contents

---

Perlube AW-Series Hydraulic Oils.....	Page 1
Perlube WL-Series Slideway Oils.....	Page 2
Perlube EP Series Gear Oils.....	Page 3
Perlube RO-Series Circulating/Turbine Oils.....	Page 4
Perlube S-Series Spindle Oils.....	Page 5



# Perlube AW-Series Hydraulic Oils

01

## Description:

The Perlube AW-Series oil products are excellent 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 oils have been “double-treated” with anti-wear additives to produce a truly service-efficient oil that provides long-term, trouble-free service in high-output systems.

## Key Properties:

- Superior thermal and hydrolytic stability
- Inhibited to prevent foaming and sludge formation
- Effective demulsibility properties provide for rapid water separation
- Outstanding anti-wear features; excellent film strength & load-carrying characteristics
- Formulated to meet performance levels of all major hydraulic equipment manufacturer requirements & specifications

Name	ISO Grade	ASTM Color	Viscosity @ 100 °F(°C)	Flash Point °F(°C)	Specific Gravity
AW-10	10	1	57.6 (65.3)	260 (127)	0.85
AW-15	15	1	75.8 (89.1)	380 (193)	0.86
AW-22	22	1	105 (126)	380 (193)	0.86
AW-32	32	1	149 (182)	380 (193)	0.87
AW-46	46	1	214 (262)	380 (193)	0.87
AW-68	68	1	317 (389)	410 (210)	0.88
AW-100	100	1	468 (575)	410 (210)	0.88
AW-150	150	1	709 (871)	410 (210)	0.89
AW-220	220	1	1047 (1283)	410 (210)	0.89



# Perlube WL-Series Slideway Oils

## Description:

The Perlube WL-Series line are superior multipurpose lubricating and machine tool slideways oils designed to provide excellent machine tool performance. These oils provide excellent oxidation and corrosion protection and unsurpassed water separation characteristics. Value series also available.

## Key Properties:

- ⬡ Outstanding stick-slip friction prevention
- ⬡ Exceptional oxidation & corrosion protection
- ⬡ Built with demulsibility properties for rapid water separation
- ⬡ Excellent load-carrying & staying properties for effective lubrication
- ⬡ Passes Bijur Filterability & ASTM D-2711 Demulsibility performance tests
- ⬡ Formulated to meet performance levels of all major manufacturer requirements & specifications

Name	ISO Grade	ASTM Color	Viscosity @ 100 °F(°C)	Flash Point °F(°C)	Specific Gravity
WL-22	22	1	98 (120)	380 (193)	0.86
WL-32	32	2	149 (182)	380 (193)	0.87
WL-46	46	2	214 (262)	380 (193)	0.88
WL-68	68	2	317 (389)	420 (215)	0.88
WL-100	100	4	468 (575)	420 (215)	0.88
WL-150	150	4	709 (871)	420 (215)	0.89
WL-220	220	4	1047 (1283)	460 (238)	0.89

# Perlube EP Series Gear Oils



## Description:

The Perlube EP-Series product line contains premium lubricating & gear oils with outstanding rust & oxidation protection, superior demulsibility, and long-lasting extreme pressure additives. The Perlube EP-Series gear oils are engineered to provide lubrication under extreme pressure, even with severe heat & load conditions in enclosed gear sets, ways, bearings, and related heavy duty applications.

## Key Properties:

- Superior oxidation and thermal stability
- High performing under severe heat and load conditions
- Effective demulsibility properties provide for rapid water separation
- Recommended for all industrial enclosed gearing and wherever an AGMA extreme pressure lubricant is required
- Formulated to meet the performance levels of all major manufacturer requirements and specifications

Name	ISO Grade	ASTM Color	Viscosity @ 100 °F(°C)	Flash Point °F(°C)	Specific Gravity
EP-32	32	1	149 (182)	350 (177)	0.87
EP-46	46	1	214 (262)	350 (177)	0.88
EP-68	68	2	317 (389)	420 (215)	0.88
EP-100	100	3	468 (575)	450 (232)	0.89
EP-120	120	4	555 (675)	450 (232)	0.89
EP-150	150	4	709 (871)	450 (232)	0.89
EP-220	220	4.5	1047 (1283)	480 (249)	0.90
EP-320	320	5	1533 (1881)	500 (260)	0.90
EP-460	460	5	2214 (2719)	550 (288)	0.91
EP-680	680	7	3298 (4048)	550 (288)	0.93



# Perlube RO-Series Circulating/Turbine Oils

## Description:

The Perlube RO-Series oil products are outstanding hydraulic, circulating, and lubricating oils designed for premium quality applications where anti-wear features are not required. Outstanding rust and oxidation protection; exceeds 2,500 hours on the Turbine Oil Oxidation Test and passes the Turbine Oil Rust Test.

## Key Properties:

- ⬡ Superior rust & oxidation protection / thermal & hydrolytic stability
- ⬡ Contains metal deactivators to protect metal surfaces
- ⬡ Completely demulsifies, providing rapid water separation
- ⬡ Meets Cincinnati Milacron P-38, P-54, P-55, & P-57 specs
- ⬡ Inhibited to prevent foam & sludge formulation, which are common causes of filter blockage
- ⬡ Formulated to meet performance levels of all major manufacturer requirements & specifications

Name	ISO Grade	ASTM Color	Viscosity @ 100 °F(°C)	Flash Point °F(°C)	Specific Gravity
RO-22	22	1	98 (120)	320 (160)	0.86
RO-32	32	1	149 (182)	350 (177)	0.87
RO-46	46	2	214 (262)	350 (177)	0.88
RO-68	68	2	317 (389)	350 (177)	0.88
RO-100	100	3	468 (575)	420 (215)	0.89
RO-150	150	4	709 (871)	420 (215)	0.89
RO-220	220	5	1047 (1283)	420 (215)	0.89
RO-320	320	5	1533 (1881)	420 (215)	0.90

# Perlube S-Series Spindle Oils



## Description:

The Perlube S-Series oils are designed to lubricate, prevent wear, cool, and prohibit sludge and deposit formation on high speed needle and spindle bearings, such as the spindles of machine tools. Perlube S-Series oils are ideal for low-pressure hydraulic systems that require a low-viscosity oil.

## Key Properties:

- Clear appearance & non-staining
- Additive package to reduce starting torque & minimize wear
- Excellent lubricity lowers power consumption & reduces bearing temperatures
- Formulated to meet performance levels of all major manufacturer requirements & specifications
- Ensures the proper flow of lubricant by minimizing the formation of oxidation & deposition of sludge, gum, or resin
- Excellent metal wetting properties, providing top cooling & lubrication performance for extended spindle bearing life

Name	ISO Grade	ASTM Color	Viscosity @ 100 °F(°C)	Flash Point °F(°C)	Specific Gravity
S-2	2	0.5	32.8 (34.4)	200 (93)	0.80
S-3	3	0.5	36.0 (38.2)	200 (93)	0.82
S-7	7	1.0	47.2 (52.0)	265 (129)	0.84
S-10	10	1.5	57.6 (65.3)	280 (138)	0.85
S-22	22	1.5	105 (126)	410 (210)	0.87

 800-991-4225

 3630 East Kemper Road  
Sharonville, OH 45241

  YouTube



**COMPLETE  
METALWORKING  
SOLUTIONS**

**(800) 991-4225**

[www.ahbinc.com](http://www.ahbinc.com)

ISO Certified

[customerservice@ahbinc.com](mailto:customerservice@ahbinc.com)