

PURUS® ZINC FREE AW HYDRAULIC OILS

Manufactured with virgin base oils

DESCRIPTION: **PURUS® Zinc Free AW Hydraulic Oils** are premium quality anti-wear hydraulic oils which are formulated using non zinc containing additive technology. These products provide the product performance of premium anti-wear hydraulic oil, without the heavy metals which reduces concerns of many regulatory agencies. **PURUS® Zinc Free AW Hydraulic Oils** are non-toxic to fish and aquatic species as determined by OECD Test Method 203 and is classified as inherently biodegradable by OECD Test Method 301B.

APPLICATIONS: **PURUS® Zinc Free AW Hydraulic Oils** are recommended for use in all applications calling for anti-wear hydraulic oil and meet or exceed the following specifications: Cincinnati-Milacron, Hagglunds-Denison HF-0 and HF-2, Vickers M-2950-S and I-286-S.
Inherently Biodegradable and non-toxic to aquatic organisms

- Excellent wear protection
- Rapid release of any entrained air
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection and easy filterability

TYPICAL PROPERTIES*:

	32	46	68
SAE Viscosity Grade	10W	20W	20W
Specific Gravity	0.871	0.876	0.884
Flash Point °F (°C)	405 (208)	405 (208)	410 (210)
Pour Point °F.	-25	-20	-15
Appearance	Light Pale	Light Pale	Light Pale
Viscosity			
@ 40 °C, cSt	32	46	68
@100 °C, cSt	5.4	6.9	8.9
@ 100 °F, SUS	165	227	352
@ 210 °F, SUS	44	48	56
Viscosity Index	100	100	100
Gravity, °API	31.5	30	28.5
Oxidation, ASTM D943, hours	5000+	5000+	5000+
Aquatic Toxicity, OECD 203	Nontoxic	Nontoxic	Nontoxic
Biodegradability in 28 days, OECD 301-B, %	72	72	72



*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all of our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AIOD or its affiliates for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult your local AIOD Distributor if you require any further information.

Revised: 09/2017

PHDZFAWHYD