

PRESTIGE AW HYDRAULIC OILS**Section 1 - Chemical Product and Company Identification**

Product identifier	Prestige AW Hydraulic Oils
Other means of identification	
Recommended use	Hydraulic Oil
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer for	
Company Name	Oil Service, Inc.
Address	3498 Grand Avenue Pittsburgh, PA 15225 USA
Telephone	1-800-642-7429
Contact Person	Mark Meloy
E-mail	mmeloy@oilservice.com
Hours of operation	08:00 AM – 05:00 PM (US Eastern Standard Time)
Emergency 24-hour phone number	CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887

Section 2 – Hazard(s) Identification**Classification in Accordance with 29 CFR 1910.1200.**

Not hazardous according to classification criteria.

GHS LABEL ELEMENTS

Symbol(s)	None needed according to classification criteria.
Signal Word	None needed according to classification criteria.
Hazard Statement(s)	None needed according to classification criteria.

PRECAUTIONARY STATEMENT(S)

Prevention	None needed according to classification criteria.
Response	None needed according to classification criteria.
Storage	None needed according to classification criteria.
Disposal	Dispose of in accordance with all applicable federal, state and local regulations.
Hazard(s) Not Otherwise Classified	Repeated exposure may cause skin dryness or cracking.

Section 3 - Composition / Information on Ingredients**Ingredients**

CAS#	COMPONENT	PERCENT
64742-58-1	Lubricating oils, petroleum, hydrotreated spent	14-99
64741-88-4	Petroleum distillates, solvent-refined heavy paraffinic	0-85**
64742-57-0	Residual oils (petroleum), hydrotreated	0-85**
64742-62-7	Residual oils (petroleum), solvent dewaxed	0-100**
64742-01-4	Residual oils (petroleum), solvent refined	0-85**
*	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	0.1-2
*	Mineral Oil	0.1-1

Component Related Regulatory Information

*Supplier advises that this is a trade secret

Section 4 – First Aid Measures

Description of Necessary Measures	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if needed.
Inhalation	
Skin	IF ON SKIN: Wash with plenty of soap and water. Get medical attention, if needed.
Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms/Effects

Acute	No information on significant adverse effects.
Delayed	No information on significant adverse effects.
Indication of Immediate Medical Attention and Special Treatment Needed, If Needed	Treat symptomatically and supportively.

Section 5 – Fire Fighting Measures

Flash Point:	165 C
Flash Point Method:	COC
Autoignition Temp.	Not Available
Suitable extinguishing media	Foam. Carbon dioxide (CO2). Water fog. Dry chemical powder.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Do not get water inside container. Some of these materials, if spilled, may evaporate leaving a flammable residue.
Specific methods	In the event of fire and/or explosion do not breathe fumes.

Section 6 – Accidental Release Measures
--

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Never return spills in original containers for re-use.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.

Section 7 – Handling and Storage

Precautions for Safe Handling	Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. These products have a low vapor pressure and are not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating these products, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes.
Conditions for Safe Storage, Including Any Incompatibilities	Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.
Incompatibilities	Strong oxidizing materials.

Section 8 – Exposure Controls/Personal Protection
--

Component Exposure Limits	ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product’s components.
Appropriate Engineering Controls	Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls.
Individual Protective Measures, as Personal Protective Equipment	Personal protective equipment should be selected based upon the conditions under which this material is such used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: safety glasses, gloves, lab coat or apron.
Eyes/Face Protection	Safety glasses with side shields should be worn at a minimum. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

Skin Protection	Where skin contact is likely, wear chemical impervious protective gloves; use of natural rubber or equivalent gloves is not recommended.
Respiratory Protection	No respirator is required under normal conditions of use. Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4. Consult with a health and safety professional for specific respirators appropriate for your use.

Section 9 – Physical and Chemical Properties

Appearance	Amber	Boiling Point	475°F
Odor	Petroleum	Vapor Pressure	Less than 0.1 mm Hg @ 68°F
Density	7.3 lbs./gal	pH	Not applicable
Solubility	Insoluble	Specific Gravity	0.88 (water = 1)
Viscosity	>20.5 mm ² /s @ 104°F (40°C)	Flash Point	392°F (COC)
Evaporation Rate	Not Available	Odor Threshold	Not Available
LEL	Not Available	Melting Point	Not Available [pour point 21°F (-6°C)]
UEL	Not Available	Octanol/H₂O Coeff	Not Available
Auto Ignition Temperature	Not Available		

Section 10 – Stability and Reactivity

Reactivity	No reactivity hazard is expected.
Chemical Stability	Stable under normal temperatures and pressures.
Possibility of Hazardous Reactions	Will not polymerize.
Conditions To Avoid	Avoid sparks, flame, and other sources of ignition.
Incompatible Materials	Avoid oxidizing agents, reducing agents, and/or acids.
Hazardous Decomposition Products	None under normal temperatures and pressures.

Section 11 – Toxicological Information

Toxicity Data and Information	
Component Analysis - LD50/LC50	
Lubricating oils, petroleum, hydrotreated spent (64742-58-1) Dermal LD50 Rabbit >4480 mg/kg; Oral LD50 Rat >2000 mg/kg	
Residual oils (petroleum), solvent dewaxed (64742-62-7) Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg	
<u>Information on Likely Routes of Exposure</u>	
Inhalation	No information on significant adverse effects.
Ingestion	May be harmful if swallowed.
Skin Contact	Prolonged or repeated skin contact may cause skin irritation.
Eye Contact	No information on significant adverse effects.
Immediate Effects	No information on significant adverse effects.
Delayed Effects	No information on significant adverse effects.
Irritation/Corrosivity	May cause slight skin and respiratory irritation.
Respiratory Sensitization	No information for the product.
Skin Sensitization	No information for the product.
<u>Carcinogenicity</u>	
Component Carcinogenicity	None of this product’s components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.
Germ Cell Mutagenicity	No information available for the product.
Teratogenicity	No information available for the product.
Reproductive Effects	No epidemiological data is available for this product.
Specific Target Organ Effects - Single Exposure	No information on significant adverse effects.

Specific Target Organ	No information on significant adverse effects.
Effects - Repeated Exposure	
Aspiration Hazard	No data available.
Medical Conditions Aggravated by Exposure	Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

10 Stability **Section 12 – Ecological Information**

Ecotoxicity	Toxic to aquatic life.
Component Analysis - Ecotoxicity - Aquatic Toxicity	
Lubricating oils, petroleum, hydrotreated spent (64742-58-1)	
Duration/Test/Species	Concentration/Conditions Notes
96 Hr LC50 Brachydanio rerio	79.6 mg/L [semi-static]
96 Hr LC50 Pimephales promelas	3.2 mg/L [semi-static]
Residual oils (petroleum), solvent dewaxed (64742-62-7)	
Duration/Test/Species	Concentration/Conditions Notes
96 Hr LC50 Oncorhynchus mykiss	>5000 mg/L
48 Hr EC50 Daphnia magna	>1000 mg/L
Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts (68649-42-3)	
Duration/Test/Species	Concentration/Conditions Notes
96 Hr LC50 Pimep[hales promelas	1.0-5.0 mg/L [static]
96 Hr LC50 Pimep[hales promelas	10.0-35.0 mg/L [semi-static]
48 Hr EC50 Daphnia magna	1-1.5 mg/L
Persistence and Degradability	No information available for the product.
Bioaccumulation Potential	No information available for the product.
Mobility in Soil	No information available for the product.
Other Adverse Effects	No additional information is available.

10 Stability **Section 13 – Disposal Considerations**

Disposal Methods	Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Oil Service regarding proper recycling or disposal. This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, it can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.
-------------------------	--

10 Stability **Section 14 – Transport Information**

Emergency Response Guide Number	Not applicable.
Transportation Regulations	
DOT	Not regulated as a hazardous material for transportation.
TDG	Not regulated as dangerous goods for transportation.

10 Stability **Section 15 – Regulatory Information**

Volatile Organic Compounds (As Regulated)	Negligible; As per 40 CFR Part 51.100(s)
Federal Regulations SARA 302/304	
Component Analysis	Based on the ingredient(s) listed in Section 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.
SARA 311/312 Hazardous Categories	
Acute Health: No Chronic Health: No Fire: No Reactive: No	
SARA Section 313	
Component Analysis	This product contains a "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.
Phosphorodithioic acid, O, O-di-C1-alkyl esters, zinc salts (68649-42-3)	1.0% de minimis concentration (related to Zinc compounds)

CERCLA

Component Analysis

Based on the ingredient(s) listed in Section 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA Inventory

All the components of these products are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

COMPONENT	CAS#	TSCA
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	Yes
Residual oils (petroleum), solvent dewaxed	64742-62-7	Yes
Phosphorodithioic acid, O, O-di-C1-alkyl esters, zinc salts	68649-42-3	Yes

U.S. State Regulations

The following components appear on one or more of the following state hazardous substance lists:

COMPONENT	CAS#	MA	MN	NJ	PA	CA
Phosphorodithioic acid, O, O-di-C1-alkyl esters, zinc salts (68649-42-3) (¹ related to Zinc compounds)	68649-42-3	Yes ¹	No	No	Yes ¹	Yes ¹

No component(s) are listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Canadian Regulations

Component Analysis

COMPONENT	CAS#	CAN
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	DSL
Residual oils (petroleum), solvent dewaxed	64742-62-7	DSL
Phosphorodithioic acid, O, O-di-C1-alkyl esters, zinc salts	68649-42-3	DSL

Canadian WHMIS

Not regulated.

Information

Component Analysis

Not regulated

WHMIS IDL

10 Stability **Section 16 – Other Information**

The information contained in this Safety Data Sheet relates only to the specific material designated. Oil Service, Inc. assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Oil Service, Inc.

Revision Information

Reformat to OSHA HazCom 29 CFR 1910.1200 adoption of GHS Revision 4. Updated: January 8, 2018