

**OFI TESTING EQUIPMENT, INC.**  
**MATERIAL SAFETY DATA SHEET**

<b>SECTION I - PRODUCT AND COMPANY IDENTIFICATION</b>	
<b>Chemical Name:</b>	AW Hydraulic Oil ISO-32
<b>Trade Name:</b>	Hydraulic Oil
<b>OFI Part No.</b>	171-96-1,171-96-2
<b>Chemical Family:</b>	Hydraulic Oil
<b>Manufacturer:</b>	OFI Testing Equipment, Inc. 1006 West 34 <sup>th</sup> Street Houston, TX 77018 U.S.A. (713) 880-9885
<b>In Case of Emergency Spills, Leaks, Fire, Exposure or Accident:</b>	In the USA, call INFOTRAC at 1-800-535-5053 day or night Outside the USA, call collect, (352) 323-3500
<b>SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS</b>	
<b>CAS #:</b>	<b>CHEMICAL NAME</b>
64742-58-1	Lubricating Oil, Petroleum, Hydrotreated Paraffinic 99%
<b>SECTION III - HAZARD IDENTIFICATION</b>	
<b>Emergency Overview:</b>	Warning! This product can cause gastrointestinal problems if ingested. Irritation with skin or eye contact is possible.
<b>Inhalation:</b>	No significant adverse health effects are expected to occur upon short-term exposure.
<b>Ingestion:</b>	If swallowed, large volume of material can cause generalized depression, headache, drowsiness, nausea, vomiting, and diarrhea. Smaller doses can cause a laxative effect. If aspirated into lungs, liquid can cause lung damage.
<b>Skin:</b>	This product can cause mild, transient skin irritation with short-term exposure.
<b>Eye Contact:</b>	This product can cause transient mild eye irritation with short-term contacts with liquid sprays or mists
<b>Chronic Health Effects Summary:</b>	Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of hydraulic oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects.
<b>Aggravated by Exposure:</b>	Medical conditions aggravated by exposure to this material may include pre-existing skin disorders
<b>SECTION IV - FIRST AID MEASURES</b>	
<b>Inhalation:</b>	In case of overexposure, move the person to fresh air.
<b>Ingestion:</b>	Do not induce vomiting unless directed by physician. Do not give anything to drink unless directed to by physician. Never give anything to a person who is not fully conscious. If significant amounts are swallowed or irritation or discomfort occurs, seek medical attention immediately.
<b>Skin:</b>	Wipe off excess material and Wash exposed skin with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists. If material is injected under skin, seek medical attention immediately.
<b>Eyes:</b>	Immediately Flush Eyes with Plenty of Water for at Least 15 Minutes, Lifting Upper and Lower Eyelids Occasionally. Get Medical Attention Immediately.

<b>SECTION V - FIRE FIGHTING MEASURES</b>	
<b>Fire:</b>	Flash Point 370°F Auto Ignition Temperature: Not Determined. Flammability Limits in Air: Lower - N.D., Upper - N.D.
<b>Explosion:</b>	Slightly combustible!
<b>Fire Extinguishing Media:</b>	Use dry chemical, foam, Carbon Dioxide or water fog.
<b>Special Information:</b>	This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>	
	Take proper precautions to ensure your own health and safety before attempting spill control or clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Spilling hazard; do not walk through spilled material. Stop leak if you can do so without risk. For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into waste containers for later disposal. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. In urban area, cleanup spill as soon as possible. In natural environments, seek cleanup advice from specialists to minimize physical habitat damage. This material will float on water. Absorbent pads and similar materials can be used. Comply with all laws and regulations.
<b>SECTION VII - HANDLING AND STORAGE</b>	
	Store in a Cool, Dry, Ventilated Storage Area. Do not handle or store near high heat or flames. Protect from Physical Damage. Isolate from Incompatible Substances. Containers of this Material may be Hazardous when Empty Since they Retain Product Residues (dust, solids); Observe all Warnings and Precautions Listed for the Product. Avoid breathing hydraulic oil mists, wash skin thoroughly with soap and water after handling.
<b>SECTION VIII - EXPOSURE CONTROL / PERSONAL PROTECTION</b>	
<b>Ventilation System:</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the work-station.
<b>Airborne Exposure Limits:</b>	No Information Found.
<b>Personal Respirators:</b>	No Respiratory Protection Required. <b>(NIOSH APPROVED)</b>
<b>Skin Protection:</b>	Neoprene or Nitrile rubber gloves recommended. Lab Coat, Apron, or Coveralls.
<b>Eye Protection:</b>	Safety glasses equipped with side shields should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing is anticipated. Wear goggles and face shield if material is heated above 125°F (51°C). Have suitable eye wash water available.
<b>SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance / Odor:</b>	Liquid, blue color / Mild petroleum odor
<b>Solubility:</b>	Insoluble
<b>Specific Gravity:</b>	.875 (Water =1)
<b>Viscosity:</b>	Not Applicable
<b>Molecular Weight:</b>	Negligible
<b>Melting Point:</b>	Not Applicable
<b>Boiling Point:</b>	Not Applicable
<b>Vapor Density (Air=1):</b>	Not Applicable
<b>Vapor Pressure (mmHg):</b>	Less than 0.01 mm Hg @ 20°C

<b>SECTION X - STABILITY AND REACTIVITY</b>	
<b>General Reactivity:</b>	Stable
<b>Hazardous Decomposition:</b>	Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons.
<b>Incompatibilities:</b>	Strong oxidizers
<b>Hazardous Polymerization:</b>	Not expected to occur.
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>	
This product does not contain any components at concentrations above 0.1%, which are considered carcinogenic by OSHA, IARC or NTP.	
<b>SECTION XII - ECOLOGICAL INFORMATION</b>	
No information found.	
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>	
<b>Disposal:</b>	Conditions of use may cause this material to become a "hazardous waste", as defined by federal or state regulations. It is the responsibility of the user to determine if the material is a RCRA "hazardous waste" at the time of disposal. Transportation, treatment, storage and disposal of waste material must be conducted in accordance with RCRA regulations (see 40 CFR 260 through 40 CFR 271). State and/or local regulations may be more restrictive. Contact the RCRA/Superfund Hotline at (800) 424-9346 or your regional US EPA office for guidance concerning case specific disposal issues.
<b>Comment:</b>	This Product is Oil in the Contest of the U.S. Clean Water Act. Spills to U.S. Surface Waters, or to the Watercourses or Sewers Leading to U.S. Surface Waters that Cause a Visible Sheen Must Be Reported to the National Response Center.
<b>SECTION XIV - TRANSPORT INFORMATION</b>	
<b>Hazard Class:</b>	Not Regulated
<b>Identification No.:</b>	Not Regulated
<b>SECTION XV - REGULATORY INFORMATION</b>	
Components are listed on TSCA Inventory.	
<b>SECTION XVI - OTHER INFORMATION</b>	
<b>NFPA Rating:</b>	HEALTH-1, FLAMMABILITY-1, REACTIVITY-0
<b>Disclaimer:</b>	The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein and assume no responsibility regarding the suitability of this information for the user's intended purpose or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).