

AMERICAN LUBRICANTS, Inc.		MATERIAL SAFETY DATA SHEET		ADDRESS: 619 Bailey Avenue Buffalo, NY 14206		
PRODUCT IDENTIFICATION	Product Name Derrick ISO 32 AW		Code No: 60009-22-32-		Emergency Phone Number(s)	
	Chemical Name Lubricating Oil		46		Business: (716) 827-8300 Other:	
	Synonyms Hydraulic Oil		Chemical Family Hydrocarbon			
INGREDIENTS	MATERIALS OR COMPONENTS		%W	CAS NUMBER	CARCINOGEN OSHA OR IARC	
	Mineral Oil		98-99.5	64742-65-0	No	
	*Lubrizon 6662		<1.0	---	No	
	*Lubrizon 5178F		<1.0	---	No	
	*Lubrizon Corp.					
	Wickliffe, OH					
SHIPPING INFORMATION	Not Restricted					
PHYSICAL PROPERTIES	Boiling Point/Range °C 425°F		Melting Point °C NA °F		Freezing Point °C -25 °F	
	Specific Gravity (H ₂ O=1) .869 @ / 16°C		Vapor Pressure (mm Hg) >1 @ 20 °C		Molecular Weight (Calculated) NA	
	Solubility in H ₂ O Nil		% Volatiles by Volume 0		Vapor Density (Air=1) >1	
	Appearance and Odor Amber Fluid - Hydrocarbon Odor		Evaporation Rate NA <input type="checkbox"/> Ether = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butylacetate = 1			
FIRE AND EXPLOSION DATA	Flash Point °C 380 °F		Test Method D-92		Flammable Limits Lower NA % Upper	
	Autoignition Temperature/Fire Point °C 410 °F					
	EXTINGUISHING MEDIA <input type="checkbox"/> Water-spray <input checked="" type="checkbox"/> Water-fog <input type="checkbox"/> Water-stream <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Dry chemical <input type="checkbox"/> Alcohol foam <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Earth or sand					
	SPECIAL FIRE FIGHTING PROCEDURES <input type="checkbox"/> Do not enter building <input type="checkbox"/> Allow fire to burn <input checked="" type="checkbox"/> Water may cause frothing <input type="checkbox"/> Do not use water					
REACTIVITY DATA	UNUSUAL FIRE AND EXPLOSION HAZARDS <input type="checkbox"/> Dust explosion hazard <input type="checkbox"/> Sensitive to shock <input type="checkbox"/> Contamination <input type="checkbox"/> Temperature <input type="checkbox"/> Other (specify): None					
	STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		CONDITIONS CONTRIBUTING TO INSTABILITY <input type="checkbox"/> Thermal decomposition <input type="checkbox"/> Photo degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination			
	INCOMPATIBILITY - Avoid contact with <input type="checkbox"/> Strong acids <input type="checkbox"/> Strong alkalis <input checked="" type="checkbox"/> Strong oxidizers <input type="checkbox"/> Other (specify):					
	HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list) CO & CO₂ IF INCOMPLETE COMBUSTION.					
SPILL/LEAK	CONDITIONS TO AVOID <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Open flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input type="checkbox"/> Other (specify):					
	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED <input type="checkbox"/> Flush with water <input checked="" type="checkbox"/> Absorb with sand or inert material <input type="checkbox"/> Neutralize <input checked="" type="checkbox"/> Sweep or scoop up and remove <input type="checkbox"/> Keep upwind. Evacuate enclosed spaces. <input type="checkbox"/> Prevent spread or spill					
	WASTE DISPOSAL METHOD - Consult federal, state, or local authorities for proper disposal procedures. ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.					

NA - Not Applicable.

CONTINUED ON REVERSE SIDE

Before using product, read and follow directions and precautions on product label and bulletins.

TOXICITY INFORMATION	CONDITIONS TO AVOID Excessive Contact			
	PRIMARY ROUTES OF ENTRY <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> OTHER (Specify) _____			
	This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):			
	<u>CAS#</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>	
	Mixture	Zinc Compound	<1.0	
NFPA Rating	Health 0	NFPA HAZARD RATING CODES		
	Flammability 1	Least 0	High 3	
	Reactivity 0	Slight 1	Extreme 4	
	Protective Equipment B	Moderate 2		
HEALTH HAZARD INFORMATION	PERMISSIBLE EXPOSURE LIMIT (Specify if TLV/TWA or Ceiling (c))			
	ACGIH _____	OSHA 2006 <u>5mg/m³</u>	Other: <u>for Mineral Oil</u>	
	IRRITATION	<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Severe	<input type="checkbox"/> Moderate
		<input checked="" type="checkbox"/> Eye	<input type="checkbox"/> Severe	<input type="checkbox"/> Moderate
	CORROSIVITY	<input type="checkbox"/> Skin	<input type="checkbox"/> 4 hrs. (DOT)	<input type="checkbox"/> 24 hrs. (CPSC)
		<input type="checkbox"/> Eye	<input type="checkbox"/> May cause blindness	<input checked="" type="checkbox"/> Not Corrosive
	SENSITIZATION	<input type="checkbox"/> Skin	<input type="checkbox"/> Respiratory	<input checked="" type="checkbox"/> None
		<input type="checkbox"/> Skin	<input type="checkbox"/> Respiratory	<input checked="" type="checkbox"/> None
	LUNG EFFECTS (Specify):	NA		
	OTHER (Specify):	None		
EMERGENCY FIRST AID	INGESTION	<input type="checkbox"/> Induce vomiting	<input checked="" type="checkbox"/> Do NOT induce vomiting	
		<input type="checkbox"/> Give plenty of water	<input checked="" type="checkbox"/> Get medical attention	
	DERMAL	<input checked="" type="checkbox"/> Flush with soap and water	<input type="checkbox"/> Get medical attention	
		<input checked="" type="checkbox"/> Contaminated clothing - remove & launder	<input type="checkbox"/> Contaminated shoes - destroy	
	EYE CONTACT	<input checked="" type="checkbox"/> Flush with plenty of water for at least 15 minutes	<input checked="" type="checkbox"/> Get medical attention	
	INHALATION	<input type="checkbox"/> Remove to fresh air	<input type="checkbox"/> If not breathing, give artificial respiration	
		<input type="checkbox"/> Give oxygen	<input type="checkbox"/> Get medical attention	
	VENTILATION REQUIREMENTS - Always maintain exposure below permissible exposure limits	NA		
	OTHER (Specify):	None		
	SPECIAL PROTECTION INFORMATION	EYE	<input checked="" type="checkbox"/> Face shield	<input type="checkbox"/> Safety glasses
		<input type="checkbox"/> Goggles	<input type="checkbox"/> Other (specify): _____	
HAND (GLOVE TYPE)		<input type="checkbox"/> Polyvinyl chloride	<input checked="" type="checkbox"/> Neoprene	
		<input type="checkbox"/> Butyl rubber	<input type="checkbox"/> Polyvinyl alcohol	
		<input type="checkbox"/> Natural rubber	<input checked="" type="checkbox"/> Poly-ethylene	
RESPIRATOR TYPE - Use only NIOSH / MESA approved equipment		NA		
OTHER PROTECTIVE EQUIPMENT		None Normally Required		
PRECAUTIONARY NOTES		<input checked="" type="checkbox"/> Wash thoroughly after handling <input checked="" type="checkbox"/> Do not get in eyes, or on clothing <input type="checkbox"/> Do not breathe dust, vapor, mist, gas <input checked="" type="checkbox"/> Keep container closed <input checked="" type="checkbox"/> Keep away from sparks, and open flames <input type="checkbox"/> Store in tightly closed containers <input type="checkbox"/> Do not store near combustibles <input type="checkbox"/> Keep from contact with clothing and other combustible materials <input type="checkbox"/> Empty container may contain hazardous residues <input type="checkbox"/> Use explosion proof equipment <input type="checkbox"/> Other (specify): _____		
Other handling and storage conditions:		No Special Conditions		

Prepared by Russ Fitzgibbon Date 1/2006 Address 619 Bailey Avenue, Buffalo, NY 14206 Phone (716)827-8300

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