

FUCHS LUBRICANTS CANADA LTD.
CENTURY OILS DIVISION

Material Safety Data Sheet

WHMIS

Not controlled

SECTION 1 - PRODUCT IDENTIFICATION AND USE				
Product Identifier HERO LV HYDRAULIC OIL			Product Identification Number (PIN): N.Ap.	
Product Use Low viscosity, phosphorus type, antiwear, hydraulic and spindle oil				
Manufacturer's Name: Fuchs Lubricants Canada Ltd.		Supplier's Name: Fuchs Lubricants Canada Ltd.		
Street Address: 19829 99A Avenue		Street Address: 19829 99A Avenue		
City: Langley	Province: B.C.	City: Langley	Province: B.C.	
Postal Code: V1M 3G4	Emergency Telephone Number: (604) 888-1552	Postal Code: V1M 3G4	Emergency Telephone Number: (604) 888-1552	
SECTION 2 - HAZARDOUS INGREDIENTS				
Hazardous Ingredients	% (wt/wt)	CAS Number	LD50 of Ingredient <i>(specify species & route)</i>	LC50 of Ingredient <i>(specify species & route)</i>
Not a controlled product according to WHMIS regulations				
SECTION 3 - PHYSICAL DATA				
Physical State Liquid	Odour & Appearance Clear blue oil with faint odour		Odour Threshold (ppm) N.Av.	
Vapour Pressure <i>(mmHg):</i> N.Av.	Vapour Density <i>(air=1):</i> N.Av.	Evaporation Rate N.Ap.	Boiling Point (°C) >200	Freezing Point (°C) <0 (pour point)
pH N.Ap.	Specific Gravity 0.871 @ 15.6°C		Coeff. Water/Oil Dist.: <1	
SECTION 4 - FIRE & EXPLOSION DATA				
Flammability: No		If yes, under which conditions?		
Means of extinction: Carbon dioxide, foam, dry chemical, halon.				
Flashpoint (°C) and Method: 150 (COC)		Hazardous Combustion Products: Oxides of carbon, smoke, and hydrocarbons.		
Autoignition Temperature (°C): N.Av.		Upper Flammable Limit <i>(% by volume):</i> N.Av.	Lower Flammable Limit <i>(% by volume):</i> N.Av.	
Explosion Data		Sensitivity to impact: None known		Sensitivity to Static Discharge: None known
SECTION 5 - REACTIVITY DATA				
Chemical Stability: Yes		If no, under which conditions?		
Incompatibility with other substances: Yes		If so, which ones? Strong oxidizing agents.		
Reactivity, & under what conditions? None known				
Hazardous Decomposition Products? None known				

N. Av. = Not Available

N. Ap. = Not Applicable

Product Identifier HERO LV HYDRAULIC OIL			
SECTION 6 - TOXICOLOGICAL PROPERTIES			
Route of entry: Skin contact () Skin Absorption () Eye contact () Inhalation () Ingestion ()			
Effects of Acute Exposure to Product: None known			
Effects of Chronic Exposure to Product: None known			
Exposure Limits: ACGIH-TLV for oil mists(TWA) 5mg/m3 [1mg/m3 in BC]	Irritancy of Product: None known	Sensitization to Product: None known	Carcinogenicity: None known
Teratogenicity: None known	Reproductive Toxicity: None known	Mutagenicity: None known	Synergistic Products: None known
SECTION 7 - PREVENTIVE MEASURES			
Personal Protective Equipment:			
Gloves (specify): Rubber/viton if handling	Respirator (specify): Not normally required	Eye (specify): CSA-approved safety glasses	
Footwear (specify): Normal non-slip industrial footwear	Clothing (specify): Coveralls are normally sufficient	Other (specify): N.Ap.	
Engineering Controls (specify, eg. ventilation, enclosed process): Maintain oil mists in air below exposure limit by process design, enclosure, ventilation or local extraction.			
Leak and Spill Procedure: Prevent from entering water systems. Mop up, soak up or contain in a closed vessel.			
Waste Disposal: Send to a licensed reclaimer/waste disposal facility, incinerate or landfill to meet federal, provincial, and local regulations.			
Handling Procedures and Equipment: Keep away from incompatible substances. Do not take internally. Avoid contact with skin and eyes.			
Storage Requirements: Store in tightly closed container.			
Special Shipping Requirements: TDG: Not regulated.			
SECTION 8 - FIRST AID MEASURES			
Specific measures:			
EYES:	Wash with water for 15 minutes. Consult a doctor if irritation persists.		
SKIN:	Wash with soap and water.		
INGESTION:	Do not induce vomiting. Call a physician.		
INHALATION:	Product is not volatile in form supplied. Remove person to fresh air.		
SECTION 9 - PREPARATION DATE OF MSDS			
Prepared by (Group Department, etc.): CHEMICAL SERVICES DEPT.	Phone Number: (604) 888-1552	Date: May 21, 2002	