

## MATERIAL SAFETY DATA SHEET

G&G Oil Co. of Indiana Inc.  
 Address: PO Box 71, Muncie, In. 47308  
 Emergency Phone Number: 317-288-7795  
 Chemical Name and Synonyms: Petroleum Hydrocarbons and Additives  
 Product Name: G&G TO 4 50  
 Generic Name: Lubricating Oil  
 Date Prepared: 12/14/95  
 Revised: 11/14/2003

**NFPA Codes:** Fire-1 Reactivity-0 Health-1

Section 1	Ingredients	Percent	CAS#
	Solvent Refined, Hydrotreated, Heavy Paraffinic Distillate	30-40	64742-54-7
	Solvent Refined, Hydrotreated, Heavy Residual Oil	50-60	64742-57-0
	Additives mixture containing Zinc compound	5-10 2-3	Mixture

## Section 2 Occupational Exposure Limits

PEL/TWA	PEL/CEILING	TLV/TWA	TLV/STEL	OTHER
				TLV/STEL
5 MG/M3*	None	5 MG/M3*	10 MG/M3	None
* Oil Mist, Mineral				

## Section 3 Physical Data

Specific Gravity: (H<sub>2</sub>O=1) 0.908  
 Boiling Point: N/A  
 Vapor Pressure: (mm Hg) 100 ° F  
 Vapor Density: (Air=1) Heavier than Air  
 Solubility in Water: Negligible  
 Percent Volatile by volume: N/A  
 Evaporation Rate: (Butyl Acetate=1) Slower than Ether  
 Appearance: Amber Liquid  
 Odor: Typical Petroleum

## Section 4 Fire and Explosion Data

Flash Point: ° F 445  
 Flammable Limits: Upper - N/A Lower - N/A  
 Extinguishing Media: Use water fog, dry chemical or CO/2. Do not use water.  
**Unusual Fire and Explosion Hazards:** Never use welding or cutting torch on or near drum (even empty) because product (even residue) can ignite explosively.  
**Fire-fighting Procedures:** Wear self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode when fighting fires.

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## Section 5 Health Hazard Data

The health effects noted below are consistent with requirements under the OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)  
**Eye Contact:** Transmission oils are generally considered no more than minimally irritating to the eyes.  
**Skin Contact:** Transmission oils are generally considered no more than mildly irritating to the skin. Prolonged and repeated contact may result in various skin disorders such as dermatitis, folliculitis or oil acne.  
**Inhalation:** Inhalation of vapor (generated at high temperatures only) or oil mist from this product may result in mild irritation of the upper respiratory tract.  
**Ingestion:** Transmission oils are generally considered no more than slightly toxic if swallowed.  
**Other:** None.

## Section 6 Emergency First Aid Procedures

**Skin:** Wash skin thoroughly with soap and water. Remove soiled clothing.  
**Eye:** Flush with clean low pressure water for 15 minutes. If irritation persists seek medical attention.  
**Inhalation:** Remove from contaminated area.  
**Oral:** Do not induce vomiting, seek medical attention.  
**Additional:** If any problems occur seek medical advice.

## Section 7 Protection Information

**Ventilation:** If mist is generated, Local exhaust is suggested.  
**Skin, Gloves, aprons, etc.,** of an impervious material is suggested.  
**Eye Protection:** Not essential for handling. Use goggles if oil is sprayed.  
**Other:** Use soap and water to remove soil from skin. Never use gasoline, solvents or harsh abrasive cleaners.

## Section 8 Reactivity

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions and Materials to Avoid:** Avoid heat, open flames and oxidizing materials  
**Hazardous Decomposition Products:** Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulate and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide, hydrogen sulfide, and other unidentified organic compounds may be formed upon combustion.

## Section 9 Environmental Protection

**Spill or Leak Procedures:** Transmission Oil may burn, although not readily ignitable. Use caution judgment when cleaning up large spills. **\*\* Large spills**  
**\*\* wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks of pump to a storage salvage vessel. Soak up residue with an absorbent such as clay, sand or other suitable materials; Dispose of properly. Flush area with water to remove trace residue. **\*\* Small Spills** **\*\* Take up with an absorbent; material and dispose of properly.****

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