



# MATERIAL SAFETY DATA SHEET

## Wynn's Heavy Duty Engine Oil 10W-40 CD/SF

**WYNN'S**

A division of Illinois Tool Works Inc.  
1151 West Fifth Street  
Azusa, California 91702

**EMERGENCY TELEPHONE NUMBER:**

Chemtrec (800) 424-9300

**INFORMATION TELEPHONE NUMBER:**

Wynn's (626) 334-0231

### PRODUCT IDENTIFICATION

PRODUCT NAME	EFFECTIVE DATE	PRODUCT CODE
Wynn's Heavy Duty Engine Oil	02-22-06	39401, 39403
CHEMICAL NAME	CAS NUMBER	
N/A	N/A	

### HAZARDOUS INGREDIENTS

COMMON NAME	CHEMICAL NAME	CAS NO.	%	OSHA PEL	ACGIH TLV-TWA
Petroleum Hydrocarbon	Petroleum Oil	64742-54-7	<85%	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

Contains no other ingredients now known to be hazardous as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

### PHYSICAL DATA

These data are approximate or typical values and should not be used as precise specifications. Unless otherwise noted values are at 20°C(68°F) and 760 mmHg (1 atm).

<b>Boiling Point/Range</b>	>572°F(>300°C)	<b>Freeze Point</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O=1) @ 15.6°C</b>	0.86	<b>Vapor Pressure (mm Hg)</b>	<0.01
<b>Vapor Density (Air =1)</b>	>1	<b>Solubility in Water (%)</b>	Negligible
<b>% Volatiles by Volume</b>	Negligible	<b>Evaporation Rate (Butyl Acetate = 1)</b>	<1
<b>pH (as is)</b>	N/A	<b>pH (dilute) @ %</b>	N/A
<b>Appearance</b>	Brown, Oily Liquid	<b>Odor</b>	Petroleum

N/D - Not Determined

N/A - Not Applicable

< = Less Than

> = Greater Than

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## FIRE AND EXPLOSION HAZARD DATA

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**Flash Point** 420°F(216 °C) **Method** Cleveland Open Cup ASTM D-92

**Flammable or Explosive Limits** (Approximate percent by volume in air)

Lower (LEL) N/D

Upper (UEL) N/D

**Hazard Class Identification**

	<b>Flammability</b> 1		<b>Hazard Code</b> 0 - Least (insignificant)
<b>Health</b> 1		<b>Reactivity</b> 0	1 - Slight
	<b>Other</b> --		2 - Moderate
			3 - High
			4 - Extreme

**Extinguishing Media**

Dry chemicals, water fog, foam, carbon dioxide.

**Special Fire Fighting Procedures**

Use water to cool fire-exposed containers. Fire fighters use a self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards**

Combustion will produce smoke and toxic fumes.

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## REACTIVITY DATA

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**Stability**

Stable.

**Conditions to Avoid**

Heat, open flame.

**Materials to Avoid**

Strong oxidizing agents.

**Hazardous Decomposition or Combustion Products**

Thermal decomposition may produce carbon monoxide and asphyxiants.

### Hazardous Polymerization (conditions)

Will not occur.

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## HEALTH HAZARDS/ROUTES OF ENTRY

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### Signs, Symptoms and Effects of Overexposure

**Ingestion** (swallowing) DO NOT swallow. If swallowed, may cause irritation to digestive tract.

**Skin Contact** May cause irritation to skin in sensitive individuals.

**Eye Contact** May cause irritation to the eyes on direct contact.

**Inhalation** (breathing) Vapors generated at elevated temperatures can cause irritation to respiratory tract.

### Other Effects of Prolonged/Repeated Overexposure

This material has not been identified as a carcinogen by NTP, IARC or OSHA. Prolonged and repeated contact with skin may cause mild skin irritation and inflammation.

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## EMERGENCY AND FIRST AID PROCEDURES

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**Ingestion** (swallowing) DO NOT induce vomiting. Call for medical help.

**Skin Contact** Wash affected area with soap and water. If irritation persists, call for medical help.

**Eye Contact** Flush with water for 15 minutes. If irritation persists, call for medical help.

**Inhalation** (breathing) Remove to fresh air to avoid further inhalation.

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## SPILL OR RELEASE CONTROL PROCEDURES

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### Steps to be taken in case material is released or spilled

Use absorbent sand, clay or vermiculite. Shovel into containers. Prevent liquid from entering into sewers and waterways.

### Waste Disposal Method

Dispose of in accordance with Federal, State and Local regulations.

### EPA Reportable Quantity (RQ), 40CFR302 (CERCLA104)

N/A

**EPA Toxic Chemical Release Reporting, 40CFR372(SARA313)**

<b>Chemical</b>	<b>CAS NO.</b>	<b>% in Product</b>
N/A	N/A	N/A

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## **HANDLING AND STORAGE**

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### **Handling and Storage Precautions**

CAUTION: Contains petroleum oil. Avoid skin and eye contact. DO NOT store opened containers. Use entire contents. Keep away from heat or flame.

### **Other Precautions**

KEEP AWAY FROM CHILDREN.

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## **PERSONAL PROTECTION - EXPOSURE CONTROL**

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### **Ventilation**

Normal use, none required. If misting occurs a mechanical or local exhaust is recommended.

### **Respiratory Protection**

Normal use, none required.

### **Eye Protection**

Safety glasses.

### **Protective Gloves**

Rubber, plastic gloves.

### **Other Protective Clothing or Equipment**

None special.

### **Work/Hygienic Practices**

Personal cleanliness is always appropriate. Frequent washing minimizes chances of inadvertent exposure.

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## TRANSPORTATION INFORMATION

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### Department of Transportation (DOT) Classification

	Flammable Liquid		Corrosive
	Flammable Solid		Non-Flammable Gas
	Flammable Gas	XXX	Not Hazardous by DOT
	Combustible Liquid		Other:

### DOT Proper Shipping Name

N/A

### DOT ID Number

N/A

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## DOCUMENTATION

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Product Code No.: 39401, 39403  
Previous Code No.: 39401, 39403

Issue Date: 02-22-06  
Prior Date: 12-19-00

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