

JOHN DEERE PRODUCT NAME: 2-Cycle Engine Oil

DATA SHEET NO: 8503-40,090
LATEST REVISION DATE: 15 Oct. 1999
DEERE CODE: TR
JDM PART NO: TY6339, TY16281

Parts TY16280 & TY6243 end 5/2000
Part PT564 end 10/90
Part TY6244 end 3/96

----- SECTION I - PRODUCT IDENTIFICATION -----

CHEMICAL NAME AND SYNONYMS: Lubricating Oil
CHEMICAL FAMILY: Hydrocarbon FORMULA: Complex

----- SECTION II - HAZARDOUS INGREDIENTS -----

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>TLV/PEL</u>	<u>V.P.</u>	<u>CAS.#</u>
Solvent-dewaxed, heavy				
paraffinic distillate	55-70	5 mg/m ³ *	-	64742650
Stoddard solvent	<25	100 ppm	-	8052413
Oronite ^R	<12	None	-	Mixture
Solvent-dewaxed residual oil	<10	5 mg/m ³ *	-	64742627
"Ethyl" automate blue dye	< 0.5	None	-	Mixture

*for oil mists

----- SECTION III - PHYSICAL DATA -----

BOILING POINT: >300°F	SP. GRAVITY (WATER=1): 0.87
% VOLATILE VOLUME: Not determined	EVAPORATION RATE: (butyl acetate=1) <1
VAPOR DENSITY: Heavier than air	SOLUBILITY IN WATER: Negligible
APPEARANCE/ODOR: blue/petroleum	

----- SECTION IV - FIRE & EXPLOSION HAZARD DATA -----

FLASH POINT: 150° F C.O.C. FLAMMABLE LIMIT - LEL: 1.0
EXTINGUISHING MEDIA: Water fog, foam, dry chemical, carbon dioxide, or halogenated agents.
SPECIAL FIRE FIGHTING PROCEDURES: Do not use a direct stream of water. Product will float and can be reignited on surface of water. Cool fire exposed containers with water. Use NIOSH approved self-contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: None

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----- SECTION V - HEALTH HAZARD DATA -----

EXPOSURE LIMIT: See Section II - Hazardous Ingredients

EFFECTS OF OVEREXPOSURE: Exposure to vapors or mists of this product may cause mild upper respiratory tract irritation. Prolonged or repeated contact may cause various skin disorders such as dermatitis, oil acne, or folliculitis. Eye contact is minimally irritating. Effects of ingestion are expected to be relatively non-toxic. Preexisting skin & respiratory disorders may be aggravated by exposure to this product.

EMERGENCY & FIRST AID: Eyes - flush with water 15 minutes. Skin - remove contaminated clothing; wash skin with soap and water; if material is injected under the skin, do not wait for symptoms to develop - get medical attention promptly to prevent serious damage. Inhalation - remove victim to fresh air and provide oxygen if breathing is difficult. Ingestion - do NOT induce vomiting. In all cases seek medical attention.

----- SECTION VI - REACTIVITY DATA -----

STABILITY: Stable

INCOMPATIBILITY: Avoid open flame, and oxidizing materials

HAZARDOUS POLYMERIZATION: Will not occur

DECOMPOSITION PRODUCTS: Dependent on combustion conditions. A complex mixture of airborne solid, liquid, and gas will evolve when this material undergoes pyrolysis or combustion. Oxides of carbon, sulfur, phosphorous, and other unidentified organic compounds may be formed.

----- SECTION VII - SPILL OR LEAK PROCEDURE -----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike and contain. Use vacuum or an absorbent such as clay or sand to pick up. Flush area with water to remove trace residue. NOTE: This product is classified as an oil under the Clean Water Act.

Spills, entering surface waters or any watercourse or sewer leading to surface waters, must be reported to the National Response Center 800-424-9802.

WASTE DISPOSAL METHOD: In accord with federal, state, and local regulations

----- SECTION VIII - PROTECTIVE EQUIPMENT INFORMATION -----

VENTILATION: Local exhaust to keep TLV/PEL below acceptable levels

RESPIRATOR: NIOSH approved as needed EYE WEAR: Recommended

GLOVES: Recommended to minimize skin contact OTHER:

----- SECTION IX - SPECIAL PRECAUTIONS -----

Minimize skin contact. Wash with soap and water before eating, smoking, or using toilet facilities. Launder contaminated clothing.