

JOHN DEERE PRODUCT NAME: Plus 4 Automotive Engine Oil (10W/40)

DATA SHEET NO: 8503-40,120

LATEST REVISION DATE: 15 Feb. 1989

Y3, Y4, Y38, XN DEERE CODE: JDM PART NO: AR63231, AR63232

AR63233

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

CHEMICAL NAME AND SYNONYMS: Lubricating Oil

CHEMICAL FAMILY: Hydrocarbon

FORMULA: Complex

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

INGREDIENT	PERCENT	TLV/PEL	V.P.	CAS.#
Solvent refined, hydro- treated, dewaxed, heavy paraffinic distillate	50-60	5 mg/m <sup>3</sup> *	-	64742650
Solvent refined, hydrotreated, acid treated heavy naphthenic dist.	0-20	5 mg/m <sup>3</sup> *	-	64742183
Severly hydrotreated, heavy naphthenic dist.	0-20	5 mg/m <sup>3</sup> *	-	64742525
Polymeric additive in oil (poly-methacrylate)	10-20	None	-	None
Additive containing zinc dialkyl dithiophosphate	<10	None	-	Mixture

\*for oil mists

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

BOILING POINT: N.A. % VOLATILE VOLUME: N.A.

VAPOR DENSITY: N.A. APPEARANCE/ODOR: dark amber/slight odor SP. GRAVITY (WATER=1): 0.89 EVAPORATION RATE: N.A.

SOLUBILITY IN WATER: Insoluble

N.A. - not available

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

FLAMMABLE LIMIT - LEL: N.A. FLASH POINT: 365° F C.O.C.

EXTINGUISHING MEDIA: Water fog, foam, dry chemical, carbon dioxide, or halogenated

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

## Material Data Safety Sheet

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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 EYE WEAR: Recommended RESPIRATOR: NIOSH approved as needed GLOVES: Recommended to minimize skin contact OTHER: Minimize skin contact. Wash with soap and water before eating, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contamadequate ventilation. Keep away from open flames. Keep away from children.

inated articles including shoes that cannot be cleaned. Store in a cool, dry place with

----- SECTION X - DATA PREPARATION -----

NAME: T. M. Sper, CIH SIGNATURE:

TITLE: Industrial Hygienist

DATE:

The information contained herein is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendee assumes the risk in use of the material.