



MATERIAL SAFETY DATA SHEET

Ford Internal Reference Number(Tox No. : 163073)

Print Date : 12/01/04

Language: English

Part Type and Number	Part name
Motorcraft - U.S. XO-5W20-QSP	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (1 QUART) (obsolete)
Motorcraft - U.S. XO-5W20-DSP	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (55 U.S. GALLON DRUM) (obsolete)
Motorcraft - U.S. XO-5W20-BSP	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (BULK) (obsolete)
Motorcraft - U.S. XO-5W20-RSP	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (RAILCAR) (obsolete)
Motorcraft - U.S. XO-5W20-5QSP	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (5 QUARTS) (obsolete)
Motorcraft - U.S. XO-5W20-QSP1	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (1 QUART) (obsolete)
FOR USE IN SAUDI ARABIA ONLY (ARABIC / ENGLISH LABEL)	
Motorcraft - U.S. XO-5W20-DSP1	SAE 5W-20 PREMIUM SYNTHETIC BLEND MOTOR OIL (55 U.S. GALLON DRUM) (obsolete)
FOR USE IN SAUDI ARABIA ONLY (ARABIC / ENGLISH LABEL)	
Motorcraft - U.S. XO-5W30-QSP	SAE 5W-30 SUPER PREMIUM MOTOR OIL (1 QUART) (obsolete)
Motorcraft - U.S. XO-5W30-DSP	SAE 5W-30 SUPER PREMIUM MOTOR OIL (55 U.S. GALLON DRUM) (obsolete)
Motorcraft - U.S. XO-5W30-BSP	SAE 5W-30 SUPER PREMIUM MOTOR OIL (BULK) (obsolete)
Motorcraft - U.S. XO-5W30-RSP	SAE 5W-30 SUPER PREMIUM MOTOR OIL (RAILCAR) (obsolete)
Motorcraft - U.S. XO-5W30-TSP	SAE 5W-30 SUPER PREMIUM MOTOR OIL (275 U.S. GALLON TOTE) (obsolete)
Motorcraft - U.S. XO-5W30-QSP1	SAE 5W-30 SUPER PREMIUM MOTOR OIL (1 QUART) (obsolete)
FOR USE IN SAUDI ARABIA ONLY (ARABIC / ENGLISH LABEL)	
Motorcraft - U.S. XO-10W30-QSP	SAE 10W-30 SUPER PREMIUM MOTOR OIL (1 QUART) (obsolete)
Motorcraft - U.S. XO-10W30-DSP	SAE 10W-30 SUPER PREMIUM MOTOR OIL (55 U.S. GALLON DRUM) (obsolete)
Motorcraft - U.S. XO-10W30-BSP	SAE 10W-30 SUPER PREMIUM MOTOR OIL (BULK) (obsolete)
Motorcraft - U.S. XO-10W30-RSP	SAE 10W-30 SUPER PREMIUM MOTOR OIL (RAILCAR) (obsolete)
Motorcraft - U.S. XO-10W30-QSP1	SAE 10W-30 SUPER PREMIUM MOTOR OIL (1 QUART) (obsolete)
FOR USE IN SAUDI ARABIA ONLY (ARABIC / ENGLISH LABEL)	
Motorcraft - U.S. XO-10W30-DSP1	SAE 10W-30 SUPER PREMIUM MOTOR OIL

(55 U.S. GALLON DRUM) (obsolete)
FOR USE IN SAUDI ARABIA ONLY (ARABIC / ENGLISH LABEL)
Motorcraft - U.S. XO-10W40-QP SAE 10W-40 PREMIUM MOTOR OIL (1 QUART) (obsolete)
Motorcraft - U.S. XO-10W40-DP SAE 10W-40 PREMIUM MOTOR OIL (55 U.S. GALLON DRUM) (obsolete)
Motorcraft - U.S. XO-5W30-5QSP SAE 5W-30 SUPER PREMIUM MOTOR OIL (5 QUARTS) (obsolete)

This material has not been identified against a material Specification.

===== CHEMICAL AND PHYSICAL PROPERTIES =====

Appearance :	Physical State	LIQUID
	Form	LIQUID
	Color	CLEAR TO BROWN
Specific Gravity (Relative Density)		0.85-0.86 at 60F
Boiling Point		Not Applicable
Flash Point		+185 °C (+365 F) (PENSKY-MARTIN CLOSED CUP)
pH full strength		-
pH diluted		-
Odor		MILD BLAND PETROLEUM
Odor Threshold		-
Viscosity		-
Vapor Density		>1 (AIR = 1)
Vapor Pressure		-
Evaporation Rate		<1 (N-BUTYL ACETATE=1)
Freezing Point		-
Explosion Properties :	UEL	Not Applicable
	LEL	Not Applicable
Auto-ignition Temperature		-
Solubility		INSOLUBLE IN WATER
Partition Coefficient		-

===== HAZARDOUS AND OTHER DISCLOSED INGREDIENTS =====

Percent Range	Exposure Limits - TWA ACGIH/OSHA (where est.)	CAS number	Chemical Name
>60	5/5 Ford= 1.0 mg/m3	64742-54-7	PETROLEUM DISTILLATES HYDROTREATED HEAVY PARAFFINIC
1-5	5/5 Ford= 1.0 mg/m3	64741-88-4	PETROLEUM DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC
1-5	5/5 Ford= 1.0 mg/m3	64742-52-5	PETROLEUM DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC
1-5	5/5 Ford= 1.0 mg/m3	64742-65-0	PETROLEUM DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC
.1-<1	Not Regulated	2215-35-2	4-METHYL-2-PENTANOL ZINC HYDROGEN PHOSPHORODITHIOATE

Exposure Limit Abbreviations

TWA=Time Weighted Average C=Ceiling
S=Short Term Exposure Sk=Skin

Sol=Soluble Compounds Fu=Fumes
 Insol=Insoluble Compounds Du=Dust I=IARC Resp=Respirable

===== REGULATORY INFORMATION =====

Observe the Ford Exposure Limit of 1.0 mg/m3 for oil mist.

===== SIGNAL WORD =====

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CAUTION

===== HEALTH HAZARD INFORMATION =====

=(A)===== HAZARDS =====

This product is harmful if swallowed.
 This product may be fatal if it is swallowed.
 This product may be harmful by inhalation.
 Exposure to oil mist/fume/vapor may cause respiratory tract irritation.
 Prolonged or repeated contact with this product may dry and/or defat the skin.
 Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
 This product may cause irritation to the eyes.
 If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait for symptoms to develop.

=(B)===== TARGET ORGANS AND MEDICAL CONDITIONS =====

Overexposure to some hazardous ingredients in this product has been found to affect certain body organs and systems in experimental animals and/or humans. These include:
 Skin, Eyes, and Respiratory System

=(C)===== ACUTE TOXICITY INFORMATION =====

No information was provided by the supplier, nor is any information available based on selected RTECS data.

===== FIRE AND EXPLOSION INFORMATION =====

EXTINGUISHER INFORMATION: Dry chemical, foam, carbon dioxide, water fog.
 Wear self-contained breathing apparatus.
 Water or foam may cause frothing if the product is heated above 93 degrees C (200 degrees F).
 Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
 Water may be used to cool exposed containers to prevent pressure build-up and explosion when exposed to extreme heat.

===== REACTIVITY DATA =====

This is a stable material.
 Hazardous polymerization will not occur.
 This product may react with strong oxidizing agents (bleach--sodium

hypochlorite, calcium hypochlorite, hydrogen peroxide, permanganate, nitric acid, concentrated OXYGEN, perchlorates).

===== PREVENTIVE MEASURES =====

=(A)===== SAFE HANDLING AND STORAGE =====

Avoid getting this material into contact with your eyes.
Keep the container tightly closed and in a cool, well-ventilated place.
Avoid prolonged or repeated skin contact with this material.
Avoid breathing fumes if this product is used at high temperatures.
Avoid the generation of oil mists.
Petroleum distillate base oils used in the product are severely hydrotreated and/or solvent refined.
Keep this product from heat, sparks, or open flame.
Use this product with adequate ventilation.
Store this product away from strong oxidizing agents.

=(B)===== PROTECTIVE MEASURES =====

Wear safety glasses.
The use of nitrile-latex gloves is recommended.
Barrier creams that are specific for oil based materials are recommended when gloves are impractical to use.

=(C)===== SPILLS, LEAKS AND DISPOSAL =====

Wear appropriate protective equipment and clothing during clean-up.
Attempt to reclaim the free product, if this is possible.
Waste disposal - This material should be disposed of separately or with plant used motor oils, indicating the material's potential to cause skin cancer with prolonged and repeated contact.
Transport waste material to an authorized waste location, or incinerate under controlled conditions.
Absorb the spilled material with an inert absorbent (nonflammable) material.
Vacuum up the spilled material.
Avoid excessive skin contact with the spilled material.
Do not allow the spilled product to enter public drainage system or open water courses.
Surfaces may become slippery after spillage.

===== FIRST AID TREATMENT =====

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Remove contaminated clothing and wash before reuse.
If the material is swallowed, get immediate medical attention or advice --
Do not induce vomiting.
For skin contact, wash immediately with soap and water.
Wash thoroughly after handling.
If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediatly remove the affected person(s) to fresh air.

===== NOTES TO PHYSICIANS =====

HIGH PRESSURE SKIN INJECTION: Physician must be familiar with local procedures for treatment of this type of wound; incision, irrigation, removal of all necrotic tissue and open wound dressing.

===== SPECIAL REMARKS =====

Ingredients Distillates (petroleum),hydrotreated heavy naphthenic (64742-52-5)
may be replaced or combined by other petroleum distillates below:

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)
Distillates (petroleum), hydrotreated middle (64742-46-7)
Distillates (petroleum), solvent-dewaxed light paraffinic (64742-59-6)
&Mineral oil, petroleum paraffin oils, catalytic dewaxed heavy (64742-70-7)

===== ENVIRONMENTAL INFORMATION: ECOLOGY =====

Material contains a chemical which is a Ford Motor Company Material of
Concern. Use and release of this material should be minimized to the
greatest extent possible.

===== Transport Information =====

U.S. Department of Transportation (DOT) 49 - CFR 172.101

This product is not regulated as a dangerous good.

Canadian Transportation of Dangerous Goods (T.D.G.) -TDGR

This product is not regulated as a dangerous good.

Secretary of Communication and Transportation (SCT)- NOM-002-SCT2/1994 (Mexico)

This product is not regulated as a dangerous good.

International and Domestic Air Transportation - ICAO & IATA Section 4.2

This product is not regulated as a dangerous good.

International Water Transportation - IMDG Code Amendment 31-02

This product is not regulated as a dangerous good.

===== PREPARATION INFORMATION =====

Health and safety information has been evaluated by:

Occupational & Environmental Health Sciences Department
Ford Motor Company
Central Laboratory Building - Rm S-120
15000 Century Drive
Dearborn, Michigan 48120

For 24 hour emergency information dial 1-800-959-3673.

This is the last page of this MSDS.

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