

MATERIAL SAFETY DATA SHEET

F442001 TAB
REV. 4
JULY 2001

TECHNICAL DATA

F442 OIL

SUNVIS 932, REGAL R&O 32, UNION 76 TURBINE OIL 32

Manufacturer

Sun Company, Inc.
Ten Penn Center
1801 Market Street
Philadelphia, PA 19103-1699
Phone: (215) 339-2000

Texaco, Inc.
Equilon Enterprises, LLC
PO Box 4453
Houston, TX 77210-4453

Union 76
76 Lubricants Company
A Division of TOSCO Corp.
PO Box 25376
Santa Ana, CA 92799-5376

Emergency Phone Numbers

Sun Company: 1-800-964-8861
Chemtrec: 1-800-424-9300

Texaco: 1-877-276-7283
Chemtel: 1-877-276-7285

Union 76: 1-800-762-0942
Chemtrack: 1-800-424-9300

TEST		ASTM TEST METHOD	TYPICAL TEST RESULTS		
			SUNVIS 932	REGAL R&O 32	UNION 76 TURBINE OIL 32
VISCOSITY	@ 40°C, cSt	D445	32	32	32
	@ 100°C, cSt	D445	5.4	5.4	5.42
	@ 100°F, SUS	D2161	164	165	155
	@ 210°F, SUS	D2161	44.0	44.0	44.4
VISCOSITY INDEX		D2270	100	104	103
FLASH POINT, °C (F)		D92	225 (440)	199 (390)	216 (420)
POUR POINT, °C (F)		D97	-33 (-30)	-32 (-25)	-30 (-22)
COLOR		D1500	1.0 (Colorless)	Light Pale	ASTM L0.5

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This is a turbine-quality lubricant which is specially blended from high VI paraffinic base oils combined with additives to produce premium, long-life, rust and oxidation-inhibited products.

USES

Recommended for use in circulating lubrication systems where exceptionally stable and long-life oils are needed to assure good equipment performance.

RECOMMENDED HEALTH AND SAFETY PRACTICES

- Eye:** Splash proof chemical goggles recommended to protect against splash of product.
- Gloves:** Protective gloves recommended when prolonged skin contact cannot be avoided. The following glove materials are acceptable: polyethylene, neoprene, nitrile, viton.
- Respirator:** Concentration-in-air determines protection needed. Use only NIOSH certified respiratory protection. Respiratory protection usually not needed unless product is heated or misted.
- Other:** If contact is unavoidable, wear chemical resistant clothing. The following materials are acceptable as protective clothing materials: polyethylene, neoprene, nitrile, viton, polyurethane; launder soiled clothes.

FIRST AID MEASURES

- Inhalation:** Move person to fresh air.
- Skin:** Wash with soap and water until no odor remains. Wash clothing before reuse.
- Eye:** Flush with water.
- Ingestion:** Practically non-toxic - Induction of vomiting not required. Obtain emergency medical attention. Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone.

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The following tabulation is for internal use only and is for distinguishing packaging variations.

PART NUMBER	DESCRIPTION
F442001	OIL/SINGLE QUART - SUNVIS NO. 932 OR EQUIVALENT
F442002	OIL/SINGLE GALLON - SUNVIS NO. 932 OR EQUIVALENT
F442003(*)	OIL/CASE OF 12 QUARTS - SUNVIS NO. 932 OR EQUIVALENT
F442005(*)	OIL/CASE OF 4 GALLONS - SUNVIS NO. 932 OR EQUIVALENT (1 GALLON BOTTLES)

(*) THIS DIGIT IS NOT REQUIRED FOR DECODING DESCRIPTIONS.