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MT.REF.NO. 132

VISCOSITY OIL  
A Tenneco Company  
3200 S. Western Ave.  
Chicago. IL 60608

HMIS Rating:		Legend:
HEALTH	= 1	0-Minimal
FIRE	= 1	1-Slight
REACTIVITY	= 0	2-Moderate
		3-Serious
		4-Severe

MATERIAL SAFETY DATA SHEET

MSDS DATE  
09A100-1.0 5-13-92

\*\*\*\*\* SECTION 1 - MATERIAL IDENTIFICATION \*\*\*\*\*

Material/Trade Name [REDACTED]

CASE/IH NY-TRAN Plus (MS-1207)

EMERGENCY TELEPHONE  
VISCOSITY OIL  
DAY ONLY 312-847-0224  
CHEMTREC 800-424-9300

Synonyms: NA

Chemical Family/Formula: Petroleum Hydrocarbon

CAS No.: Mixture

\*\*\*\*\* SECTION 2 - INGREDIENTS \*\*\*\*\*

Composition	CAS	%	TOXICITY DATA
Mineral oil blend	64741-88-4 64742-52-5	75-90	TLV:5 mg/M3 as oil mist
Calcium petroleum sulfonate	61789-86-4	5-15	NA
Isopropylphenyl phenyl phosphate	68937-41-7	<5	NA
Proprietary additive package	Mixture	<5	NA

\*\*\*\*\* SECTION 3 - PHYSICAL DATA \*\*\*\*\*

Boiling Point.760mm/Hg :NA	Volatiles,% by Volume	:Nil
Specific Gravity.Water=1:0.90	Solubility in water.% by Volume	:0.03
Vapor Pressure.mm/Hg :0.12 est	Evaporation Rate,Ethyl Acetate=1:1000 X	slower
Vapor Density.Air=1 :12+		
Appearance and Odor	:Dark fluid. characteristic petroleum odor	

\*\*\*\*\* SECTION 4 - FIRE AND EXPLOSION DATA \*\*\*\*\*

Flash point and test method	Auto ignition temp.	LFL	UFL
385 F (COC)		NA	% NA %

Extinguishing Media: Water spray (fog), dry chemical. foam. Halon. carbon dioxide. Water stream may splash burning liquid. spreading the fire.

Special Fire Fighting Procedures: Class IIIB combustible liquid. Use air supplied breathing equipment for fighting interior fires. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: A vapor accumulation would flash and/or explode if ignited: Never use a welding on or near drum, even if empty.

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\*\*\*\*\* SECTION 5 - REACTIVITY DATA \*\*\*\*\*  
Stability Hazardous Polymerization

X Stable    \_ Unstable                    \_ May occur    X Will not occur

Conditions and Materials to Avoid: Avoid strong oxidizers such as chlorine and oxygen, heat and sources of ignition.

Hazardous Decomposition Products: Combustion produces carbon monoxide and carbon dioxide along with thick black smoke. Traces of oxides of sulfur and phosphorus.

\*\*\*\*\* SECTION 6 - OCCUPATIONAL EXPOSURE LIMITS \*\*\*\*\*

No TLV established.

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For oil mists. OSHA and ACGIH recommend TLV 5 mg/M , 8hr TWA

\*\*\*\*\* SECTION 7 - HEALTH INFORMATION \*\*\*\*\*

Inhalation: Hazard is negligible unless heated to produce vapors or as a mist. Vapors or misted oils can irritate the mucous membranes and cause pulmonary irritation, dizziness and nausea.

Eye : Contact can cause irritation.

Skin : Prolonged or repeated contact with the skin may cause irritation of the hair follicles and block sebaceous glands causing rashes, oil acne or dermatitis.

Ingestion : May irritate digestive tract but is generally not harmful unless in large quantities.

Possible aspiration hazards exists with low viscosity products during vomiting which could cause pulmonary edema which can be fatal.

Medical conditions aggravated by this product have not been determined.

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\*\*\*\*\* SECTION 8 - EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

- Skin : Wash with soap and water, or use waterless hand cleaner after skin contact. Launder contaminated clothing before reuse.
- Eye : Flush with water for at least 15 minutes, getting under eyelids. Contact physician if irritation persists.
- Inhalation: (Mists or vapors)- Remove victim from area of exposure to fresh air. If breathing difficulty or irritation persists contact a physician for assistance.
- Ingestion : DO NOT INDUCE VOMITING! Contact physician for advice.

\*\*\*\*\* SECTION 9 - EMPLOYEE PROTECTION \*\*\*\*\*

Respiratory Protection: Respirators acceptable for mists or particulates recommended for protection from oil vapors or mists. Air supplied or self contained breathing equipment recommended for concentrations above 250 mg/M3 .

Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. Neoprene or Nitrile gloves and clothing recommended to prevent skin contact.

Other Protective Measures: Provide explosion proof ventilation where oils are heated or misted to meet TLV level. Employees must practice good personal hygiene, washing exposed skin several times daily and laundering contaminated clothing before reuse.

\*\*\*\*\* SECTION 10 - ENVIRONMENTAL PROTECTION \*\*\*\*\*

Spill Clean-up Procedures: Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film.

Waste Disposal: Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent materials may be disposed of in an approved land fill. Federal, State, and Local disposal regulations must be followed.

Environmental Hazards: Classified as an oil under section 311 of the clean water act. Spills entering surface waters or ant water courses or sewers entering/leading to surface waters that cause a sheen must be reported to the National Response center. 800-424-8802.