

ATF - "F"

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387**MATERIAL SAFETY DATA SHEET**Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

MANUFACTURER'S NAME

STEELCO INDUSTRIAL LUBRICANTS, INC.

EMERGENCY TELEPHONE NO.

219-462-0333

ADDRESS (Number, Street, City, State, and ZIP Code)

P.O. Box 136 - Valparaiso, IN 46383-0136

CHEMICAL NAME AND SYNONYMS

Petroleum Transmission Oil

TRADE NAME AND SYNONYMS

Auto Transmission Fluid - "F"

CHEMICAL FAMILY

Petroleum Hydrocarbons

FORMULA

Petroleum Hydrocarbons &amp; Additives

**SECTION II - HAZARDOUS INGREDIENTS**

| PAINTS, PRESERVATIVES, & SOLVENTS                                   | % | TLV<br>(Units) | ALLOYS AND METALLIC COATINGS              | % | TLV<br>(Units) |
|---------------------------------------------------------------------|---|----------------|-------------------------------------------|---|----------------|
| PIGMENTS                                                            |   | N/A            | BASE METAL                                |   | N/A            |
| CATALYST                                                            |   | N/A            | ALLOYS                                    |   | N/A            |
| VEHICLE                                                             |   | N/A            | METALLIC COATINGS                         |   | N/A            |
| SOLVENTS                                                            |   | N/A            | FILLER METAL<br>PLUS COATING OR CORE FLUX |   | N/A            |
| ADDITIVES                                                           |   | N/A            | OTHERS                                    |   | N/A            |
| OTHERS                                                              |   | N/A            |                                           |   |                |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES               |   |                |                                           | % | TLV<br>(Units) |
| This product not classified as a "Hazardous Material" in normal     |   |                |                                           |   |                |
| use as defined in U.S.D.L. Reg 29 CFR Parts 1915.2 (s), 1916.2 (s), |   |                |                                           |   |                |
| 1917.2(r)                                                           |   |                |                                           |   |                |
|                                                                     |   |                |                                           |   |                |

**SECTION III - PHYSICAL DATA**

|                         |                                          |      |                                       |      |
|-------------------------|------------------------------------------|------|---------------------------------------|------|
| BOILING POINT (°F.)     | IBP                                      | >600 | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 0.89 |
| VAPOR PRESSURE (mm Hg.) | @ 20°C                                   | 0.1  | PERCENT, VOLATILE<br>BY VOLUME (%)    | Neg. |
| VAPOR DENSITY (AIR=1)   |                                          | >12  | EVAPORATION RATE<br>(_____ =1)        | <0.1 |
| SOLUBILITY IN WATER     |                                          | Neg. |                                       |      |
| APPEARANCE AND ODOR     | Red colored liquid. Mild petroleum odor. |      |                                       |      |

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

|                                    |                                                                                          |                  |           |           |
|------------------------------------|------------------------------------------------------------------------------------------|------------------|-----------|-----------|
| FLASH POINT (Method used)          | C.O.C. 400 °F                                                                            | FLAMMABLE LIMITS | Lel<br>1% | Uel<br>6% |
| EXTINGUISHING MEDIA                | Foam, dry chemical, CO <sub>2</sub> Water spray or fog.                                  |                  |           |           |
| SPECIAL FIRE FIGHTING PROCEDURES   | Use air-supplied rescue equipment for enclosed area.<br>Cool exposed container in water. |                  |           |           |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | Do not store or mix with strong oxidants.                                                |                  |           |           |

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

5 mg/m<sup>3</sup> for oil mist.

EFFECTS OF OVEREXPOSURE

Prolonged skin contact may cause mild irritation.

EMERGENCY AND FIRST AID PROCEDURES

Wash with soap & water. If splashed into eyes, flush with clean water until irritation subsides.

### SECTION VI - PEACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATABILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free liquid. Add absorbent to spill area. Keep petroleum products out of streams & water ways.

WASTE DISPOSAL METHOD

Incinerate absorbed material

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Normally not needed

VENTILATION

LOCAL EXHAUST

SPECIAL

Required only to exhaust hot fumes

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Normally not needed

EYE PROTECTION

Normally not needed

OTHER PROTECTIVE EQUIPMENT

Oil impervious apron if needed

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed. Keep away from excessive heat & open flames.

OTHER PRECAUTIONS

Avoid breathing of oil mist. Remove oil impregnated clothing. Wash thoroughly after exposure.