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FLEETLINE AUTOMATIC HEAVY DUTY TRANSMISSION FLUID

ATF is an automatic transmission fluid for use where manufacturers call for a Dexron II fluid. It is blended from virgin base oils, which have been fortified with anti-wear, anti-oxidant, anti-foam, anti-corrosion and viscosity index improvers together with friction modifiers. This blend of components gives high levels of performance and long service life.

APPLICATION

- Automotive heavy-duty automatic transmissions
 - Power shift transmissions
 - Power steering
- Hydraulic systems
Screw type air compressor
Stationary air compressors
Rotary vane flood lubricated compressors

PERFORMANCE LEVEL MEETS OR EXCEEDS:

- DEXRON II
- ALLISON C-4
- Mercedes-benz sheet 236.1 and 236.5
- ZF sheet TE-ML 02F, 03D, 04D, 14A, 17C
- Volth G 607

BENEFITS

Excellent anti wear properties ensure longer equipment life.

TYPICAL PHYSICAL CHARACTERISTICS	ATF
Viscosity Cst @ 40 °C	33-36
Viscosity Cst @ 100 °C	6-7.2
Viscosity index	170-173
Pour point °C(MAX)	-42
Flash point °C (MIN)	193
Vis. Brookfield Cp @ 40 °C	40,000
Viscosity, Brookfield mPasG -40°C	40000

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	FLEETLINE AUTOMATIC TRANSMISSION OIL DX III
Manufacturer/Supplier	FLEETLINE LUBRICANTS P.O.Box 14527 Wadeville 1422
Phone Number	(011) 827-5848 (011) 827-5832

2. COMPOSITION/INFORMATION ON THE COMPONENTS**Hazardous Components in Product**

Component Name	Codes	Concentration	R Phrases	Classification
WATER		90.00 - 92.00		
PERFORMANCE AGENTS, CHEMICALS		5.00 - 8.00		

3. HAZARD IDENTIFICATION

Main Hazards	Non Flammable
Health Effects – Eyes	May cause irritation and damage to the eyes.
Health Effects – Skin	No hazard providing normal cleansing is carried out.
Health Effects – Ingestion	No problems expected for minor ingestion. However, for amounts exceeding ½liter give 1 or 2 glasses of water and call a doctor.
Health Effects – Inhalation	May cause irritation, dizziness or nausea if inhaled over a prolonged period, especially whilst hot.

4. FIRST AID MEASURES

First Aid – Eyes	Flush thoroughly with water. If irritation occurs, call a doctor.
First Aid – Skin	Wash skin with soap and water.
First Aid – Ingestion	Wash out mouth with water. Obtain medical attention. Do not induce vomiting.
First Aid – Inhalation	Remove from exposure and if the patient experiences irritation, nausea or unconsciousness, seek medical assistance.

5. FIRE FIGHTING MEASURES

Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Special Hazards of Product	No special hazards.
Protective Equip, for Fire-Fighting	None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Material can create slippery conditions underfoot.
Environmental Precautions	Try to prevent the material from entering drains or watercourses.
Spillages	Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling	No special precautions are required.
Storage	Storage temperature should be controlled to between 1 and 40 °C. Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards OIL MIST, CHEMICAL	UK EH40: OES 5mg/m ³ 8 h TWA. UK EH40: OES 10mg/m ³ 15 min TWA.
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection is not normally required.
Hand Protection	No special protection needed. However, good personal hygiene practices should always be followed.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Red/Pink
Odour	Faint
pH	Neutral / Alkaline
Boiling Range/Point (°C)	Boils above 100°C
Flash Point (PMCC) (°C)	None Flash
Solubility in Water (kg/m ³)	Soluble
Density (kg/m ³)	0.847 kg per litre
Auto-flammability (°C)	Above 350° C
Viscosity (cSt)	33,2

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Extreme heat
Materials to Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Combustion will generate carbon monoxide and smoke, possibly thick and choking, resulting in zero visibility.

