

# TRANSFLO



**TRANSFLO** is a premium product specially formulated for use in automatic transmissions.

**TRANSFLO** is fully approved under Dexron® (GM) and Mercon® (FORD) programs. All fluids bearing these trademarks have to pass stringent tests, must be registered with these two companies and carry unique qualification numbers.

**TRANSFLO** provides excellent low temperature fluidity as well as good viscosity at temperatures in excess of 149°C for bearing and gear lubrication. **TRANSFLO** has excellent corrosion and foam prevention properties. It will not cause excessive swelling or shrinking of seals, nor cause them to become unduly hard or soft. It also has excellent resistance to oxidation, preventing varnish and gum deposits from forming on sensitive transmission parts even after long periods at high temperatures.

Irving **TRANSFLO** is approved by Allison as a type C-4 fluid, and it can also be used in Ford model C-6 automatic transmissions built on or after 1977, and with all Ford automatic transmissions built on or after 1980. It can also be used in some power steering systems as well as hydro-static and power-shift transmissions where this type of oil is recommended.

Irving **TRANSFLO** is also popular as a hydraulic fluid because of its very wide operating temperature range, excellent low temperature fluidity and red colour, which makes tank levels and leaks easy to see. **TRANSFLO** is a true multi-graded fluid and therefore can replace hydraulic oils of standard grades 15, 22, 32 and 46.

Irving **TRANSFLO** can also be used to replace Dexron® and Type A, Suffix A fluids, as well as Toyota (Type T), Mitsubishi and Nissan (NissanMatic D) fluids.

Not recommended for Ford transmissions requiring specific "Type F" fluid.

## Features

Meets or exceeds the following performance specifications:

- GM Dexron® III APPROVED (H-36196)
- FORD Mercon® APPROVED (M-981001), also meets M2C138-CJ, M2C-166H
- Mercedes Benz service fill and factory fill: 236.7
- Allison C-4 APPROVED (C4- 27913599)
- Caterpillar TO-2
- FZG load stage 12
- ZF service and factory fill
- Voith service and factory fill
- Vickers 35VQ25 Vane Pump test (ASTM D-2882)
- Sundstrand series 22 Axial Piston Pump test
- Denison HF-0

## Benefits

- Excellent corrosion and foam prevention
- Safe for all seals
- Promotes transmission cleanliness



## Typical Performance Results

COLOUR	RED
VISCOSITY (D-445)	
cSt @ 40°C	35.2
cSt @ 100°C	7.9
VISCOSITY INDEX (D-2270)	188
BROOKFIELD VISC. (D-2983)	
cP @ -40°C	13,000
POUR POINT (°C) (D-97)	> -50
FLASH POINT (°C) (D-92)	210
USEFUL OPERATING TEMPERATURE RANGE* (°C)	-16 / 74
SPECIFIC GRAVITY	0.862

\* USEFUL OPERATING TEMPERATURE RANGE assumes:

- A **maximum** cold oil viscosity of 900 cSt (750 cP) for cavitation protection under full load and speed: Pumps can generally be started, under NO LOAD conditions, at temperatures up to 20°C lower than quoted here but the system must be allowed to warm up until the minimum Useful Operating Temperature is reached before the system is put to work.
- A **minimum** hot oil viscosity of 13 cSt to provide adequate wear protection under full operating conditions.

## Available Package Sizes

	473mL (1 US Pint)	946mL (1 US Qt)	3.78L (1 US Gal)	20L (5.28 US Gal)	205L (54.2 US Gal)	210L (55.5 US Gal)	500L (132 US Gal)	1000L (264 US Gal)	Bulk
TRANSFLO	X	X	X	X	X	X	X	X	X

Check with sales representative or website for the latest product approvals.

