

# FS Synthetic 40 & 50 Transmission Fluids

## Description

FS Synthetic 40 & 50 Transmission Fluids are full-synthetic manual transmission oils formulated for severe service in heavy-duty manual transmissions. FS Synthetic 40 & 50 Transmission Fluids provides excellent gear wear protection during long drain intervals established by original equipment manufacturers (OEMs) for transmissions in over-the-road trucks, vocational service trucks and off-road equipment. They are thermally stable and designed to resist heat, deposits and viscosity increase. These oils are shear-stable, dampen shock-loads and have high film strength and load-carrying capacity. They portray good seal compatibility and excellent cold flow properties and are formulated with anti-rust, anti-foam, and are non-corrosive to yellow metals.

## Features and Benefits:

- 500,000-mile service life in long-haul trucks (following OEM specifications and guidelines)
- Excellent protection of heavily loaded gears during long drain intervals
- Provides enhanced protection at high temperatures
- Maintains clean gears and bearings
- Designed to improve cold weather shifting and efficiency
- Designed to extend seal life and prevent leaks
- Protects against moisture

Always refer to the owner's manual for the proper recommendation.

## Applications:

- FS Synthetic 40 & 50 Transmission Fluids exceed all Roadranger® specifications for extended drain intervals and are approved for the Roadranger® 750,000 mile extended warranty program with 500,000 mile drain intervals.
- They are also approved for use in all major manufacturer component warranties for extended drains.
- These fluids are NOT to be used when a GL-5 is specified.

## Product Availability:

- 5 Gal. Pail
- 55 Gal. Drum
- 275 Gal. Tote

## Meets or Exceeds:

	FS Synthetic 40	FS Synthetic 50
API GL-1	X	X
API MT-1 requirements	X	X
Eaton PS-386 (suitable for use)	X	
Roadranger® PS-164	X	X
Navistar MPAPS B-6816 Type II	X	
ZF Meritor® 0-81		X
Mack® TO-A PLUS		X
International TMS 6816		X

## Typical Properties:

Test / Description	Specification	Specification
SAE Grade	40	50
Viscosity @ 100°C (cSt)	15.6	18
Viscosity @ 40°C (cSt)	95.0	135
Viscosity Index	175	150
Pour Point (°C)	-48	-40
Pour Point (°F)	-54	-40
Flash Point (°C)	228	225
Flash Point (°F)	442	440