



TRiAX SYNERGY HD **MAX 50**

LONG DRAIN FULL SYNTHETIC HEAVY DUTY TRUCK MANUAL TRANSMISSION FLUID

PERFORMANCE LIKE NOTHING ELSE™

TRiAX SYNERGY HD MAX SAE 50 is an ultra high performance transmission fluid designed for high torque, high horsepower heavy duty transmissions and is formulated for very long drain intervals, upwards of 750,000 miles for highway applications.

TRiAX SYNERGY HD MAX SAE 50 is made with esters, synthetic base oils and a top tier additive package, optimized for frictional stability, endurance and durability in severe service applications as well as regular on highway driving. Frictional stabilizers and slip control guarantee outstanding frictional stability and prevents slippage, optimizing shifting and protecting syncros and gears. Top tier wear additives prevent gear scuffing and protect all metal types, as well as assures total seal compatibility with a wide range of heavy duty seals of all types of materials.

PERFORMANCE SUMMARY

- Extreme shear resistance, won't shear under high loads
- Exceptional torque transfer (dynamic friction)
- Very long drain intervals across wide application range
- Excellent hot / cold temperature performance
- Prevents slippage and facilitates smooth shifting
- Provides a wide range of seal compatibility, natural or synthetic
- Excellent lubricating characteristics for quiet operation and smooth shifting
- Compatible with a wide range transmissions and manufacturers
- Maximum protection against corrosion
- Superb foaming resistance and film stability in high loads
- Very high viscosity stability in a wide temp range

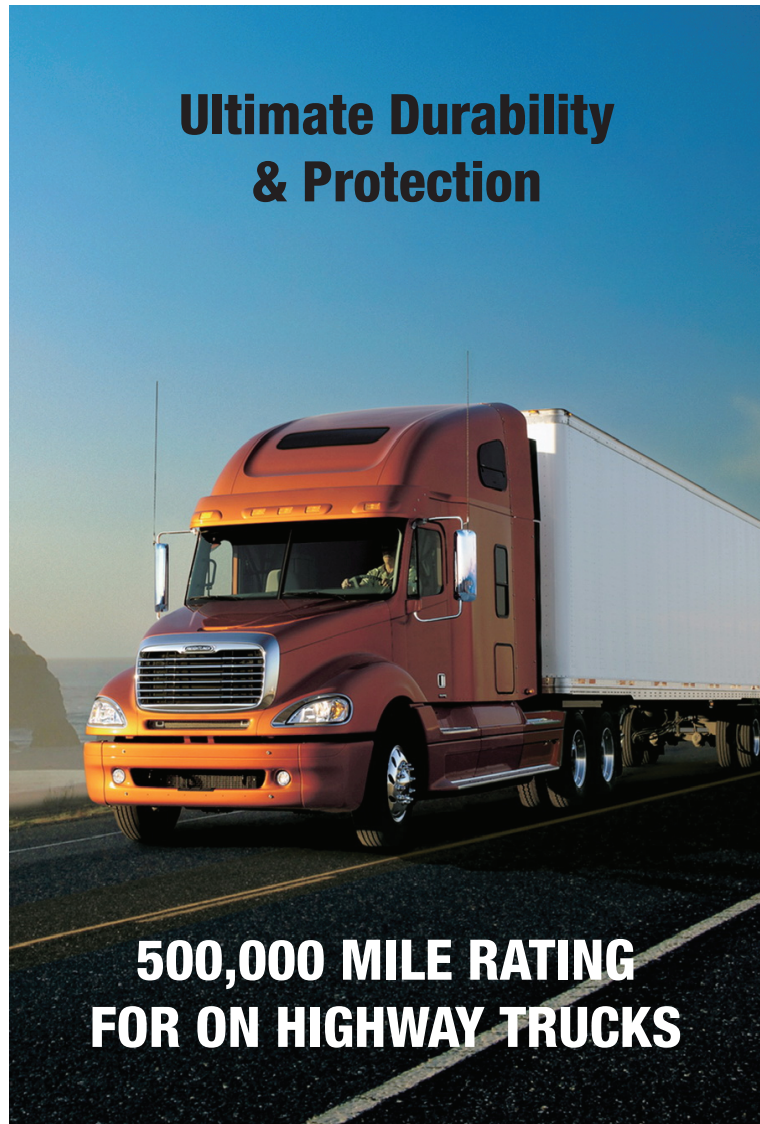
SPECIFICATIONS

- API MT-1
- Eaton PS-081
- Eaton PS-164 rev 7
- ZF Freedomline
- Eaton Fuller
- Mack TO-A Plus
- International TMS-6816

CATERPILLAR, EATON, FULLER, Warner, Allison, Komatsu, Clark, Voith and many others.

APPLICATIONS

Formulated for Fuller CD-50 performance and is ideal for use in Rockwell/Eaton/Fuller, Spicer, Fabco, Warner and other large truck manual transmissions. It can be used in Caterpillar, Allison, Komatsu, Clark, Hurth, Borg-Warner, Twin Disc, Voith, ZF, Funk and Brockhouse powershift-type transmissions and Eaton/Rockwell/Fuller transmissions.



Ultimate Durability & Protection

500,000 MILE RATING FOR ON HIGHWAY TRUCKS

CHEMICAL PROPERTIES

VISCOSITY GRADE	SAE 50
SPECIFIC GRAVITY @ 60F	0.8381
KINEMATIC VISCOSITY	
@ 40C	122.70
@100 C	18.30
VISCOSITY INDEX	178
BROOKFIELD VISCOSITY	
cP at -40C Max	110,000
FLASH POINT (F)	396
POUR POINT C(F)	- 44 F (-47 C)
COLOR	1.50 Light Amber