



SYN-Nth HyTrax™ Transmission and Hydraulic Drive Fluid is formulated with the latest additive technology combined with extremely shear stable polymers and Hydrosynthetic® base stocks to improve fuel economy and reduce the carbon footprint of heavy construction equipment and other off-road vehicles. SYN-Nth HyTrax, specially designed for the severe service requirements of Caterpillar Powershift Transmissions, is the result of intensive research and testing intended to more closely address modern transmission technology and operating conditions.

TYPICAL APPLICATIONS INCLUDE:

Powershift Transmissions	Final Drives	Mobile Hydraulic Systems	Oiled Bearings
Manual Transmissions	Speed Reducers	Allison Transmissions	Industrial Gears
Toro, Exmark and Husqvarna hydrostatic transmissions			

Syn-Nth HyTrax Meets or Exceeds the following OEM fluid specifications*:

Caterpillar TO-4M	Allison C-4	ZF TE-ML 03C	ZF TE-ML 07F
Komatsu KES 07.868.1	Komatsu Dresser	Dana Powershift	

* Guaranteed to meet or exceed specifications, not officially licensed.

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
SAE Grade	SAE J300	10W-40
Kinematic Viscosity, cSt @ 40°C	ASTM D445	92.7
Kinematic Viscosity, cSt @ 100°C	ASTM D445	14.7
Viscosity Index No.	ASTM D2270	165
Density, LB/gal @ 60°F	ASTM D1298	7.24
Density, kg/l @ 15.5°C	ASTM D1298	0.868
Pour Point, °F (°C)	ASTM D97	-40 (-40)
Flash Point, °F (°C)	ASTM D92	428 (220)
4-Ball Wear, scar diameter, mm	ASTM D4172	0.53
4-Ball EP, Weld Point, kgf	ASTM D2596	200
FZG Scuffing Wear Test, Failure Load Stage	ASTM D5182	12+
Copper Strip Corrosion, 100°C, 3 hr	ASTM D130	1A
Allison THOT Oxidation Test	GM 6137-M	Pass
Rust Test, Distilled Water	ASTM D665A	Pass
Rust Test, Syn. Sea Water	ASTM D665B	Pass
Water Demulsibility	ASTM D1401	Pass
Color		Blue

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.