



PETROMIN Transdrive Oil series is designed for heavy-duty powershift transmissions and drivetrains. It exceeds the requirements of Off-Highway OEM specifications for powershift transmissions, final drives, and hydraulic systems. It is engineered to provide wide coverage for many types of off-road equipment, making it suitable for customers with mixed fleets.

Benefits

- Optimized friction and compatibility for all clutch surfaces, including metallic and non-metallic.
- Clutch slippage protection even under heavy loads on steep inclines, thereby improving clutch life.
- Prevents brake noise and chatter in wet brake applications.
- Excellent anti-oxidation properties resist sludge formation, ensuring reliable equipment operation.
- Exceptional anti-wear chemistry protects transmissions, final drives, extending component life.

Meets/Exceeds

- CAT TO-4 and TO-4M
- Allison C-4
- API MT-1 and API CF
- ZF TE-ML-03C/07F
- Komatsu KES07.868.1
- JB/T 12194-2015 China #8 type

Applications

- Final Drives, loaders, skidders, compactors, motor graders, off-highway tractors, and trucks.
- Heavy duty transmissions, final drives, and hydraulic systems in off-highway applications.
- Manual, powershift, and automatic transmissions where Allison C-4 & CAT TO-4 fluids are recommended.
- Mobile hydraulic applications.

Product Characteristics

Properties	Test Method	Unit	SAE			
			10W	30	50	60
Density @ 15 °C	ASTM D4052	kg/L	0.8800	0.8922	0.8998	0.9090
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	33.5	94.4	211.5	236.5
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	5.6	11.0	18.6	25.1
Viscosity Index	ASTM D2270	-	105	101	97	97
Flash Point, COC	ASTM D92	°C	208	228	262	266
Pour Point	ASTM D97	°C	-24	-27	-48	-27
<i>Product Code</i>			<i>274000</i>	<i>275000</i>	<i>276000</i>	<i>285000</i>

* Information, test methods, figures are typical and conform to specification; minor variation may occur.

* Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.

* Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

