



Coastal[®] TO-4 Drive Train Oil

COASTAL TO-4 DRIVE TRAIN OILS are formulated to meet the stringent performance requirements of the Caterpillar TO-4 specification. These fluids are recommended for equipment where specified TO-4 qualified oils are required in order to maintain the Caterpillar equipment warranty. **COASTAL TO-4 DRIVE TRAIN OILS** are blended to provide superior gear wear protection and excellent thermal stability while maintaining a delicate balance of static and dynamic frictional characteristics with a variety of materials to give smooth transmission power transfer under high horsepower conditions. The balanced additive package provides substantially improved load carrying capacities and durability and reduces brake chatter.

COASTAL TO-4 DRIVE TRAIN OILS are recommended for the lubrication of heavy-duty equipment in both highway and off-highway service that require a lubricant meeting Caterpillar TO-4, Allison C-4, Komatsu KES 07.868.1, Komatsu Dresser, Komatsu Micro-Clutch, ZF TE-ML 03C (10W & 30W), 07F (30W), Eaton Vickers EH-1027C, Temec/TCC, Dana Powershift, or API GL-3 specifications.

COASTAL TO-4 DRIVE TRAIN OILS provides excellent service in all Caterpillar powershift transmissions, final drives, hydrostatic transmissions, torque converters, hydraulics or any system which specify TO-4 qualified oils. The SAE 10W and SAE 30 grades can be used in applications calling for Allison C-4.

Benefits

- Extends component life
- Excellent gear protection
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection
- Improved friction and anti-wear performance compared to TO-2 fluids



Warren Oil Company, LLC

Dunn, NC 28334: Benton, AL 36758: San Antonio, TX 78210:
Marion, IL 62959: Johnstown, PA 15909: West Memphis, AR 72301



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COASTAL TO-4 DRIVE TRAIN OILS do not contain friction modifiers or viscosity index improvers and **CANNOT** be used in farm tractors, and are not designed to be used in engine crankcases.

Typical Characteristics:

COASTAL TO-4 DRIVE TRAIN OIL			
SAE VISCOSITY GRADE	10	30	50
Gravity, API	29.6	27.6	25.5
Viscosity			
@ 40 °C, cSt	41	101	248.5
@ 100 °C, cSt	6.34	11.5	20
@ 100 °F, SUS	191.3	468	1151
@ 210 °F, SUS	47	64.6	98.5
Viscosity Index	102	101	93
Flash Point °F	435	460	500
Copper Strip Corrosion	Pass	Pass	Pass
Foam Test	Pass	Pass	Pass
Product Code #			
Bulk	16300	16400	16500
Drum	16312	16412	16512
Pail	16309	16409	165009



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