

SBK TDTO SAE 10W is a high-performance transmission and drive train lubricant formulated with premium base oils and advanced additive technology. It is specifically designed to meet the requirements of heavy-duty off-road equipment, ensuring excellent performance in power shift transmissions, final drives, and wet brake systems. The formulation provides optimized friction control, extended component life, and reliable operation under severe working conditions

PERFORMANCE, FEATURES & BENEFITS

- Excellent friction control for smooth clutch and brake operation
- Superior wear protection for gears, bearings, and transmissions
- Enhanced oxidation and thermal stability
- Reduces brake noise and clutch slippage
- Good low-temperature fluidity for cold start conditions
- Extended oil drain intervals and reduced maintenance costs
- Protects against rust and corrosion

MAIN APPLICATIONS

- Power shift transmissions
- Final drives, differentials, and axles
- Wet brake and clutch systems
- Hydraulic systems
- Off-road equipment including construction and mining machinery

SPECIFICATIONS & RECOMMENDATIONS

- Caterpillar: TO-4 / TO-2
- Allison: C-4
- ZF: TE-ML 03C

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear and bright
KV @ 40°C	ASTM D445	30.0
KV @ 100°C	ASTM D445	5.6
Viscosity Index	ASTM D2270	128
Density @ 15°C	ASTM D4052	0.8572
Flash Point	ASTM D92	≥ 220
Pour Point	ASTM D97	-30

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)