Ubuntu CPT 10W / 30 / 40 / 50 / 60

Powershift transmission oils

UB-TDS-024 | Revision 0.1 | 16 October 2026

Applications

Transmissions, differentials and final drives specifying Caterpillar TO-4 performance.

Performance features

Application-specific friction and wear performance; selection by required SAE grade.

Reference performance specifications

Caterpillar TO-4 Allison C-4 API CF/CF-2 ZF TE-ML 03C,07F

Reference designations require verification for the Ubuntu formulation. Ubuntu certification, licensing and OEM approval have not been established.

Reference typical characteristics

SAE Viscosity Grade	Unit	10W	30	40	50	60
Kinematic Viscosity @ 40C	cSt	37	94	136	224	327
Kinematic Viscosity @ 100C	cSt	6.4	11	15	19	24.5
Viscosity Index		Not reported	102	101	96	96
Pour Point	C	-30	-27	-24	-24	-9
Flash Point (PMCC)	C	195	216	220	224	315
TBN	mgKOH/gm	11.6	11.6	11.6	11.6	11.6
Density @ 20C	kg/l	0.879	0.890	0.895	0.902	0.908

Application notes

No viscosity index is published for SAE 10W; the blank is shown as not reported.

DRAFT: Technical values have not been verified for the Ubuntu formulation. Confirm product identity, batch data, specifications and the applicable safety data sheet before release or use. Typical values are not manufacturing limits.