

SUNOCO TO-4 TRANSFLUIDS

OVERVIEW

SUNOCO TO-4 TRANSFLUIDS are premium quality lubricants specially formulated to meet both Caterpillar TO-4 and Allison C-4 (SAE 10W and 30 viscosity grades) requirements. These fluids are designed for use in power-shift transmissions, final drives, hydrostatic transmissions, torque converters, hydraulic systems and the wet brake compartments of Caterpillar equipment. **SUNOCO TO-4 TRANSFLUIDS** provide substantially improved friction and anti-wear performance compared with older API CD/TO-2 fluids.

FEATURES & BENEFITS

SUNOCO TO-4 TRANSFLUIDS offer good low temperature pumpability, optimized clutch-friction retention and slippage control, and improved clutch life compared to the best API CD/TO-2 engine oils. They have properly balance frictional profiles to provide the required grip for firm and precise braking under all conditions. SUNOCO TO-4 TRANSFLUIDS have excellent anti-wear and load carrying capabilities, work to reduce gear wear and extend transmission life, and offer These superior brake chatter control. oils provide hydraulic stability and protection against high-pressure pump wear along with outstanding thermal and oxidation stability.

APPLICATIONS

SUNOCO TO-4 TRANSFLUIDS are designed for use in powershift transmissions, hydrostatic transmissions, torque converters, final drives and the wet brake and hydraulic systems of Caterpillar and other off-highway construction and mining equipment. **SUNOCO TO-4 TRANSFLUIDS** may also be used in heavy-duty commercial automatic and manual transmission where Allison C-4 or Caterpillar TO-4 fluid is specified.

SPECIFICATIONS

API GL-4 • Allison C-4, C-3 (SAE 10W, 30) • Caterpillar TO-4 • Eaton Fuller transmissions (SAE 30, 50) • Dana Spicer transmissions (SAE 30, 50) • Euclid Equipment • Komatsu Equipment • Dresser • Vickers M-2950-S • ZF TE-ML 03C for torgue converter transmissions (SAE 10W, 30)

Product Code	5073	5093	5113
SAE Viscosity Grade	10	30	50
Viscosity, cSt @ 100 °C	6.6	11.3	20.0
Viscosity, cSt @ 40 °C	44.4	98.2	235.0
Viscosity Index	100	96	99
Pour Point, °C	-29	-23	-10
Zinc, Wt. (%)	0.129	0.129	0.129
Calcium, wt%	0.305	0.305	0.305
Sulfated Ash, wt%	1.24	1.24	1.24
Copper Corrosion	1A	1A	1A
Foam Test	Pass	Pass	Pass

TYPICAL PROPERTIES

Philadelphia, PA ● orders@sunocolubes.com ● www.sunocolubes.com ● Tel:(800) 660-0761 ● Fax:(215) 352-0140

The data and OEM specifications listed are to the best of our knowledge accurate. This information listed is typical data and should not be considered a product standard nor a standard upon which acceptance or rejection of delivered product is to be based. It is the owner's responsibility to consult their equipment owner's manual and select the proper lubricant and viscosity grade for give application. This data is subject to change without notification.