

UNIVERSAL DRIVE TO-4 FLUIDS

MOLEC[®] UNIVERSAL DRIVE TO-4 Fluids are multi-functional oils that are designed to meet the demanding requirements of modern transmissions, final drives and oil-immersed hydraulic & brake systems on heavy-duty off-road equipment.

MOLEC[®] UNIVERSAL DRIVE TO-4 Fluids are blended with the highest quality base oils and compounded with premium quality additives. These universal multi-functional oils are specifically designed for use in off-road equipment where a high degree of static friction is required and can be used throughout the drivetrain and hydraulic systems in a wide range of machinery. SAE 10W grade is designed to provide excellent protection and performance in hydraulic systems and light duty automatic transmissions while SAE 30 & SAE 50 grades meet specifications for off-road power shift transmission fluids.

TECHNICAL DATA

SPECIFICATIONS	ASTM	SAE 10W	SAE 30W	SAE 50W
Product Number		50891	50893	50895
Viscosity @ 40C, cSt	D445	29.83	99.91	214.5
Viscosity @ 100C, cSt	D445	5.531	11.75	19.36
Viscosity Index	D2770	125	106	102
Specific Gravity	D4052	0.8584	0.8756	0.8894
Pour Point, °C	D5950	-45	-33	-21
Color ASTM	D1500	L2.0	L2.0	L4.0
Foam characteristics (Seq. I 25/0, Seq. II 50/0, Seq. III 25/0)	D892	Pass	Pass	Pass
Flash Point, °C	D92	224	264	260

BENEFICIAL QUALITIES:

- Excellent anti-wear protection
- Suppresses brake chatter
- Clutches lock up smoothly & strongly
- Resists foaming
- Good low-temperature fluidity for trouble free cold weather performance
- Broad performance qualifications enable use in transmissions, hydraulics and gear cases

INDUSTRY & OEM SPECIFICATIONS:*

- Caterpillar TO-4, TO-2
- Komatsu KES 07.868.1
- Vickers M-2950-S

PRODUCT CODES: 10W: 50891 • 30W: 50893 • 50W: 50895

AVAILABLE PACKAGING: 18.9L Pails • 208L Drums • 1040L Totes • Bulk

* Always consult your owner's manual regarding suitability for use in equipment from other OEM's. Formal approvals are not issued for Komatsu or Caterpillar TO-4, but our additive supplier certifies that following full testing, these fluids exceeded the requirements for these specifications.

Molec Lubricants: Plamondon, Alberta, Canada T0A 2T0 • www.moleclubricants.com • (780) 798-2224

SPECIFICATION CONSOLE

VISCOSITY INDEX



125-102

POUR POINT



-45 TO -21

VI @ 100°C



CST: 5.531 TO 19.36

INDUSTRIES



MINING



CONSTRUCTION



LOGGING

WARNING!

Prolonged or repeated skin contact may cause irritation. Use protective wear to avoid eye and skin contact. Wash thoroughly after use. For skin contact, wash with soap and water. If swallowed, seek medical attention immediately. For eye contact, flush with water for 15 minutes and contact a physician. For additional information read the Safety Data Sheet for this product. **KEEP OUT OF REACH OF CHILDREN.**