

# ARGuard™ TO-4 Fluids

PROD. CODE  
7354, 7355,  
7356

ARGuard™ TO-4 Fluids are formulated to meet the lubrication needs of heavy duty automatic and powershift transmissions. They are designed with unique friction modifiers that minimize clutch slippage thus allowing complete power transfer from maximum equipment productivity.

## FEATURES & BENEFITS

- Superior water tolerance provides critical componentry protection even when fluid is contaminated
- Broad performance qualifications enable use in transmissions, hydraulics and gear cases
- Provides smooth transmission power transfer under high load conditions

## INDUSTRY & OEM SPECIFICATIONS

- Caterpillar TO-4
- Komatsu KES 07.868.1
- Komatsu Dresser
- DANA Powershift
- Vickers 35VQ25A
- Tremec/TTC
- ZF TE-ML 03C
- ZF TE-ML 07F
- Allison C-4

## APPLICATIONS

ARGuard™ TO-4 Fluids are transmission and drivetrain fluids specifically designed to meet the demanding requirements of modern transmissions, final drives, oil immersed brake and hydraulic systems on heavy duty off road equipment.

METHOD	DESCRIPTION	TYPICAL		
		10W (7354)	30 (7355)	50 (7356)
CALCULATED	DENSITY, LBS/GAL (g/L)	7.27 (872)	7.47 (895)	7.47 (895)
D445	VISCOSITY, cSt @ 40°C	50.6	100.4	230.3
D445	VISCOSITY, cSt @ 100°C	7.8	11.6	19.7
D2270	VISCOSITY INDEX	119	103.1	97.7
D5949	POUR POINT, °F (°C)	-49 (-45)	-30 (-22)	-17 (-27)
D92	FLASH POINT, °F (°C)	400 (204)	445 (229)	485 (252)
D874	SULFATED ASH, wt. %	0.89	0.89	0.89
D1500	COLOR	6.5	L 7.0	L 8.0

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request. No warranties expressed or implied, including patent warranties or warranties of merchantability or fitness for a particular purpose, are made by American Refining Group, Inc., with respect to products described or information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.



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