

M Y S T I K[®] L U B R I C A N T S
T E N A X[®] F L U I D S



Date 01/10

Meets The Requirements of Caterpillar TO-4 And Allison C-4

DESCRIPTION:

Manufacturers of heavy duty equipment are continually upgrading their machines and components. Significant improvements in transmissions and final drives have increased equipment durability and productivity, but have also increased the workload on gears and bearings, and required the development of new and diverse friction materials. The use of the correct lubricant to support these new designs is critical.

Mystik Lubricants Tenax Fluids are heavy duty transmission and final drive lubricants formulated to meet the performance requirements of Caterpillar TO-4 (10W, 30, & 50) and Allison C-4 (10W & 30). They provide the protective qualities essential to maximize equipment life and performance.

FEATURES:

- Meets the performance requirements of Caterpillar TO-4
- The SAE 10 and SAE 30 meet the Allison C-4 specification

APPLICATIONS:

- Recommended for use in heavy duty powershift transmissions, final drives, hydrostatic transmissions, torque converters and hydraulics where a TO-4 or C-4 fluid is recommended. These products are not recommended as engine lubricants.
- SAE 50 can be used in Eaton/Fuller, Rockwell and Dana/Spicer transmissions for service-fill
- Excellent performance in ZF powershift transmissions used in off-road machines, special vehicles and lift trucks

TYPICAL PROPERTIES:

MYSTIK[®] LUBRICANTS TENAX[®] FLUIDS

Material Code	663510002	663511002	663512002
SAE Grade	10W	30	50
Gravity, ASTM D 4052, °API	29.9	28.2	26.4
Density, lb/gal	7.3	7.37	7.46
Specific Gravity	0.877	0.886	0.896
Viscosity:			
at -20°C, cP	30,600	-	-
at 40°C, cSt	38.1	96	209.4
at 100°C, cSt	6.3	11.3	18.8
Viscosity Index	112	104	100
Flash Point, ASTM D 92, COC, °F (°C)	420 (216)	446 (230)	511 (266)
Pour Point, ASTM D 97, °F (°C)	-38 (-39)	-27 (-33)	0 (-18)
Color, ASTM D 1500	L3.0	3.5	4.0