



## GLIDE TO-4 FULLY SYNTHETIC

### PRODUCT DESCRIPTION:

GLIDE TO-4 is a high-performance lubricant specifically engineered for power shift transmissions, final drives, and wet brakes in heavy-duty off-highway equipment used in earthmoving, mining, logging, road transport, and agricultural applications. It is formulated with premium quality base oils and advanced performance additives to ensure reliable operation and durability in demanding conditions.

### APPLICATION:

GLIDE TO-4 specifically designed to meet the performance requirements of caterpillar TO-4, Komatsu power shift transmissions, ZF torque converter transmissions and Allison C-4 automatic transmission. It is also used for heavy duty manual transmissions, gear boxes, final drives and hydraulic systems used in off highway equipment. Recommended for industrial torque converters and hydraulic systems where such type of fluids is specified.

### FEATURES & BENEFITS:

- Good compatibility with all common seals, O rings, packing materials and clutch materials that leads to reduced downtime.
- Good low temperature fluidity.
- Quick start up of equipment.
- Excellent oxidation resistance and thermal stability for long fluid life.
- Protects against sludge and varnish formation.
- Protects against wear.
- Protects against rust and corrosion
- High shear stability
- Foam resistance

### PERFORMANCE LEVELS: Meets or Exceeds:

- Caterpillar TO-4
- Allison TES 439
- Komatsu KES 07.868.1
- Allison C-4
- ZF TE-ML-03C
- API GL-4

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	GLIDE TO-4			
			10W	30	50	60
Grade			10W	30	50	60
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D7042	cSt	5.5	11.0	19.5	26.0
Viscosity Index (min)	ASTM D2270	-	140	140	140	140
Density@15°C/ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	200	200	200	200
Pour Point (max)	ASTM D97	°C	-42	-42	-42	-42

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com