



P R O D U C T I N F O R M A T I O N

Automotive Gear Oils Gulf HT Fluid TO-4

Product Description:

Gulf HT Fluid TO-4 is specially formulated to meet and exceed rigorous Caterpillar TO-4 and Allison C-4 requirements for extended transmission friction disc and brake life, reduced gear wear, smoother and quieter wet-disc brake operation. **Gulf HT Fluid TO-4** can be used in non-Caterpillar equipment requiring a TO-2 classification.

Application Recommendations:

Gulf HT Fluid TO-4 is recommended for use in all Caterpillar power shift transmissions, manual transmissions and final drives, other than for which gear oils are specified. **Gulf HT Fluid TO-4** may be used in marine transmissions and other non-engine applications of construction and materials handling equipment where engine oils are normally used. **Gulf HT Fluid TO-4** is recommended for all Allison automatic and power shift transmissions and torque converters for which fluids approved against the current and earlier Allison specifications are recommended.

Do NOT use **Gulf HT Fluid TO-4** as an engine oil!

Gulf HT Fluid TO-4		
SAE 10W Product Code 2510	SAE 30 Product Code 2530	SAE 50 Product Code 2550
PERFORMANCE SPECIFICATIONS		
Caterpillar TO-4	Allison C-4	ZF TE-ML 03C

TYPICAL PROPERTIES :			
Gulf HT Fluid TO-4	SAE 10W	SAE 30	SAE 50
Density @ 15°C, kg/m ³	875	885	875
Viscosity @ 100°C, mm ² /s	5.5	11.5	18.5
Flash Point, °C	205	230	245
Pour Point, °C	-30	-18	-15