



HDTO TO-4 Fluids

Description: Imperial Heavy Duty Drive Train TO-4 Fluids

Applications: *Imperial HDTO TO-4 Fluids* are formulated for use in applications where a product meeting the Caterpillar TO-4 specification is required for Caterpillar warranty purposes. *Imperial HDTO TO-4* Fluid is formulated to perform at higher operating temperatures and provides improved friction and anti-wear performance compared to TO-2 fluids. SAE 30WT product can be used where Allison C-4 specification is required.

Imperial HDTO TO-4 Fluids are acceptable for use in systems that require oils meeting Caterpillar TO-4 specification; SAE 30WT is suitable for use in Allison C-4 required equipment. Also recommended for use in Komatsu Dresser construction equipment. This product is not to be used in farm tractors.

Typical Properties:	SAE 10W	SAE 30	SAE 50
API Gravity	27.0	25.6	24.3
Viscosity at 100 °C, cSt	5.0	10.9	18.9
Viscosity at 40 °C, cSt	32.0	100.1	231
Viscosity Index	61	93	92
Flash, (PMCC) °F	360	450	470
Pour Point, °C	-	-18	-10

Handling: Maximum temperature of 150 degree F for handling and 113 degree F for long-term storage are recommended. Ordinary precautions for handling lubricants should be observed.