



**PRECISION
LUBRICATION**

TRANSFLUID TO 4

Description

These premium quality TO-4 fluids have been formulated specifically for transmissions and drive trains of equipment requiring lubricants having high levels of oxidation stability, the ability to reduce gear wear plus improved friction properties and elastomer compatibility.

Applications

Although these oils have been classified in terms of SAE engine oil viscosity ratings, they have mainly been formulated for transmissions and drive trains only, and should not be used as an engine crankcase oil as has previously been the case of API CD diesel engine oils. Thus, with the development of more specialised drive trains, coupled with the legislation being imposed on diesel engine exhaust emissions in the USA and Europe, the need for specialised lubricants has superseded the convenience of multi-purpose lubricants.

Performance Level

Meets the following performance levels: Caterpillar TO-4, Allison C-4.

Features/Benefits

- Improved oxidation stability.
- Reduced gear wear.
- Superior frictional properties for drive trains.
- Better elastomer compatibility.
- Reduce Brake noise

TYPICAL PHYSICAL CHARACTERISTICS

TEST	TYPICAL RESULTS				
SAE NO	10	30	40	50	60
Viscosity , cst@40°C	36	94	144	236	320
Viscosity , cst@100°C	5.9	10.9	14.5	19.5	24.1
Viscosity Index, min	103	99	97	96	96
Flash Point °C, min	200	205	232	232	232
Pour Point °C, max	-35	-30	-18	-6	-6
Density,@20°C	0.884	0.901	0.906	0.907	0.907

DISCLAIMER: The information given in this document is offered in good faith, but no warranty is implied or expressed. The onus is on the end user to ensure the suitability of this product to meet the end user requirements. It is also the end user's responsibility to follow health & safety procedures when using this product.

