

UTTO 50 TO-40



PRODUCT DESCRIPTION

Nomad UTTO SAE 50 TO-4 is an extra high-performance, heavy-duty transmission and drive-train lubricants engineered to meet or exceed the requirements of the rigorous Caterpillar TO-4 specification. This product line is uniquely designed to optimize the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems.

APPLICATION

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Manual, powershift, and automatic transmissions where Allison C-4 fluids are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

PROPERTIES

- Optimized clutch-friction retention and slippage control
- Compatible with modern clutch materials and elastomers
- Longer clutch life and higher performance
- Increased levels of anti-wear and load carrying capability
- Reduced gear wear and extended life in transmissions, gearboxes, and final drives
- Excellent foam control protection
- Top performance in wet brakes; excellent control of brake chatter
- Excellent thermal and oxidation stability
- Outstanding hydraulic oil stability and protection against high-pressure pump wear

PERFORMANCE LEVELS

Meets and exceeds:

API GL-4; CAT TO-4; KOMATSU KES 07.868.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Nomad UTTO SAE 50 TO-4
Viscosity Grade			50 to 40
Density @ 15°C, kg/l	ASTM D1298	kg/l	0.90
Viscosity @ 100°C	ASTM D445	cSt	18.0
Viscosity @ 40°C	ASTM D445	cSt	195
Viscosity Index (min)	ASTM D2270	-	100
Flash Point, °C	ASTM D92	°C	245
Pour Point, °C	ASTM D97	°C	-16

The values shown above are typical values at the date of publication. Nomad Lubricants reserves the right to change these typical values without prior notice

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 www.nomad-lubricants.com