

DAYAN TRANSMISSION OIL TO-4 SERIES



Premium Fluids For Off-Road Equipment Transmission & Hydraulic Systems

Description

DAYAN TRANSMISSION OIL TO-4 SERIES oils are designed to meet the demanding requirements of modern transmission, final drive, oil immersed brake and hydraulic systems fitted to heavy-duty off-road equipment. Specially formulated, they meet the Caterpillar TO-4 specification as well as the Allison C-4 requirements for transmission and drive train fluids and are available in SAE viscosity grades 10W and 30.

Features and benefits

- Outstanding oxidation resistance and sludge formation
 - Available in SAE viscosity grades 10W and 30 to meet varied operational needs
 - Provide excellent antiwear performance for gears, hydraulic pumps and drive train components
 - Excellent controlled frictional properties that minimizes chatter in wet-disc brakes, extend clutch life
- And provide transmission slippage control, especially during high-load operation at extreme temperatures

Application

- Applications requiring a TO-4 fluid such as transmissions, final drives and hydraulic systems
- Manual, powershift and automatic transmissions requiring a Allison C-4 fluid (SAE 10W and 30 grades)
- High pressure hydraulic systems requiring antiwear properties and excellent rust protection
- Non-engine applications requiring an API CF/TO-2 fluid
- Twin disc clutches
- All off-road lubrication system

Specification

- Caterpillar TO-4
- API GL-4

Storage and Handling

DAYAN TRANSMISSION OIL TO-4 SERIES are Unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standard of Industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	10W	30
ISO Viscosity Grade	-	-	10W	30
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	37	104
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6	11.8
Viscosity Index	-	ASTM D2270	106	102
Open Flash Point	°C	ASTM D92	205	222
Pour Point	°C	ASTM D5985	-30	-24

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.