



Swift To-4 HD Transmission Oil series

High performance Transmission Oil

PRODUCT DATA SHEET

Product Description

Swift To-4 HD Transmission Oil series a high-performance transmission & drivetrain oil formulated with high-quality base oils & advanced additives to deliver reliable protection & smooth performance in heavy-duty equipment. It is suitable for powershift transmissions, gearboxes, final drives, & hydraulic systems, providing excellent wear protection & dependable operation in construction, mining, & quarrying applications.

Features & Benefits

- Good thermal & oxidation stability protects against deposit formation and oil thickening, thus maintains the life and performance of lubricant and transmission.
- Enhanced anti-wear properties and outstanding film strength provide exceptional equipment protection, that not only results in fewer breakdowns but also helps improve transmission efficiency.
- Excellent rust and corrosion protection for longer component life.
- Compatibility with seals and gaskets, leads to minimize oil leakage and reduced contamination

Specifications

Swift To-4 HD Transmission Oil series meets or exceeds following International and Builder specifications:

- API GL-4
- MIL-L-2105 (U.S Military Specification)

Application

Swift To-4 HD Transmission Oil series are suitable for use in all Passenger cars, on highway light and heavy duty trucks, and commercial vehicles.

- Suitable for Heavy duty manual transmissions, axles and final drives requiring API GL-4 level performance.
- Applications like Off-highway industries including: construction, mining, quarrying, and agriculture.



Typical Characteristics

Swift To-4 HD Transmission Oil	Test Method	Units	90	140	80W90	85W90	85W140
Density @ 15 0C	ASTM D 4052	gm/cc	0.890	0.910	0.888	0.890	0.908
Viscosity @ 40 0C	ASTM D 445	cSt	145	447	146	190	356
Viscosity @ 100 0C	ASTM D 445	cSt	14.3	30.0	14.7	17.4	25.6
Viscosity Index	ASTM D 2270	-	96	95	100	97	95
Pour Point	ASTM D 97	°C	-12	-9	-24	-24	-15
Flash Point (COC)	ASTM D 92	°C	240	260	230	236	248
Copper Strip Corrosion	ASTM D 130	-	1B	1B	1B	1B	1B
Foam Seq I,II,III	ASTM D 892	ml/ml	10/0	20/0	10/0	10/0	20/0
Phosphorus	ASTM D 4951	%wt	0.026	0.026	0.026	0.026	0.026

The above figures are typical of blends with normal production tolerance and do not constitute a specification.