



SHIFT ULTRA

PRODUCT DESCRIPTION:

SHIFT ULTRA semi synthetic multi-grade gear oil is recommended for manual transmissions and for axle transmissions, transfer cases, intermediate gear boxes, ancillary transmissions in vehicles and work machines requiring API GL-5 oil. Shift Ultra semi synthetic is developed to eliminate seasonal transmission oil changes. The balanced additive combination warrants properties such as high pressure capacity, above average viscosity-temperature properties, high oxidation stability, low solidification points, good wear protection and prevents sludge.

APPLICATION:

- Gearboxes requiring API GL-5 performance
- Not intended for automatic, manual, or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended
- Please verify OEM requirements and oil selection criteria

FEATURES & BENEFITS:

- Good thermal/oxidation stability which protects against the formation of harmful deposits and oil thickening, prolonging the life of components and lubricant
- Superior low temperature fluidity provides smoother gear shifting and differential operation in cold conditions

PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-5
- MAN 342 Typ M1
- MB 235.0
- MIL-L 2105 D
- SAE J2360
- ZF TE-ML 19B

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	SHIFT ULTRA	
SAE Grade			80W-90	80W-140
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	125	227
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	14.8	26
Viscosity Index (min)	ASTM D-2270	-	121	146
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.880	0.880
Flash Point (min)	ASTM D-92	°C	210	210
Pour Point (max)	ASTM D-97	°C	-33	-33
Brookfield Viscosity @ -26 °C	ASTM D-5293	mPa.s	<150,000	<150,000

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.lubrex.net