

SHIFT ULTRA

PRODUCT DESCRIPTION:

SHIFT ULTRA is mineral oil based hypoid gear oil for vehicles with tried and tested transmission technology. Even under the most difficult conditions and during large temperature fluctuations, it ensures flawless component operation. Provides a stable lubricating film, great lubrication security along with ideal wear protection.

APPLICATION:

- Gearboxes requiring API GL-5 performance
- For high-load motor vehicle transmissions, particularly axle drives with hypoid gearing.

FEATURES & BENEFITS:

- Excellent viscosity/temperature properties
- Minimizes wear
- Does not attack common sealing materials
- Reduces running noise
- High pressure-absorption capability
- Excellent resistance to aging

PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-5
- MAN 342 Type M-1 (ex MAN 342 type N)
- ZF TE-ML 07A, 16C, 17B, 19B, 21A
- MB 235.0

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	SHIFT ULTRA			
			90	140	85W90	85W140
Grade			90	140	85W90	85W140
Kinematic Viscosity @ 104°F / 40°C	ASTM D-7042	cSt	195	410	198	278
Kinematic Viscosity @ 212°F / 100°C	ASTM D-7042	cSt	17.5	28.9	17.5	28.0
Viscosity Index (min)	ASTM D-2270	-	97	98	95	134
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.896	0.898	0.895	0.895
Flash Point (min)	ASTM D-92	°C	230	250	230	220
Pour Point (max)	ASTM D-97	°C	-12	-12	-18	-18
Brookfield Viscosity @ -12 °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