



## Technical Data Sheet

### Lubrico API GL-4

#### MINERAL

#### PRODUCT DESCRIPTION:

Shift Extra mineral gear oil is specially formulated for multipurpose, extreme pressure applications, including conventional differentials, gear boxes, limited slip rear axles, manual transmissions and hypoid gears. Contains only high-quality paraffinic lubricating oils and the most technologically advanced additive system, which includes extreme pressure, anti-wear, anti-friction agents and oxidation and corrosion inhibitors.

#### APPLICATION:

Mineral oil based gear oil may be used in applications where API GL-4 performance is required

#### FEATURES & BENEFITS:

- Superior protection against wear, especially under extreme pressure and high torque operation
- High resistance to thermal breakdown
- Helps prevent foaming, rust and corrosion
- Smooths and quiets operation

#### PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-4
- ZF TE-ML 08
- MAN 341
- MB 235.10

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Lubrico API GL-4			
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 <sup>3</sup>	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 [lubrico.ae](http://lubrico.ae)