



SHIFT EXTRA EXTREME PRESSURE AUTOMOTIVE GEAR OIL

PRODUCT DESCRIPTION:

Shift Extra are high quality gear and transmission lubricants blended from solvent-refined mineral base oils and selected Sulphur and phosphorous chemical additives. Due to their high shear stability they provide excellent protection for gears and can be used over a wide range of temperature.

APPLICATION:

Shift Extra is recommended for automotive transmission and gear where API GL-4 performance is required. It's also suitable for other automotive type equipment, operated under high speed, low torque and low-speed/high torque conditions.

FEATURES & BENEFITS:

- Excellent lubrication without channeling at low-temperatures.
- Superior protection against rusting, pitting and corrosion.
- Suitable for heavy duty service in truck and bus gears operating at high temperatures.
- Provides good protection against wear.
- Formulated for automotive high speed gears.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

| SAE GRADES | 90 | 140 | 80W-90 | 85W-90 | 80W-140 | 85W-140 | 75W-90 | 75W-85 |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| API | GL-4 | GL-4 | GL-4 | GL-4 | GL-4 | GL-4 | GL-4 | GL-4 |
| MIL | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B | MIL-L-2105B |

TYPICAL PROPERTIES:

| PARAMETERS | ASTM | UNIT | SHIFT EXTRA | | | | | | | |
|-----------------------|-------|-------------------|-------------|------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | 90 | 140 | 80W-90 | 85W-90 | 80W-140 | 85W-140 | 75W-90 | 75W-85 |
| KV@ 104°F / 40°C | D7042 | cSt | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR |
| KV@212°F / 100°C | D7042 | cSt | 17.5 | 28.3 | 15.6 | 17.5 | 28.5 | 28.2 | 14.4 | 12.5 |
| Viscosity Index (min) | D2270 | - | 95 | 95 | 140 | 140 | 140 | 140 | 140 | 140 |
| Density@15°C | D4052 | g/cm ³ | TBR | TBR | TBR | TBR | TBR | TBR | TBR | TBR |
| Flash Point (min) | D92 | °C | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Pour Point (max) | D97 | °C | -9 | -9 | -27 | -15 | -27 | -12 | -42 | -42 |
| Brookfield Viscosity | D2983 | cp | - | - | <150,000 (-26C) | <150,000 (-12C) | <150,000 (-12C) | <150,000 (-26C) | <150,000 (-40C) | <150,000 (-40C) |

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

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

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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