



# Shell Spirax S6 GVME 75W-80

*Premium, Synthetic Technology, Fuel Economy Manual Transmission and Gearbox Oil*

Shell Spirax S6 GVME 75W-80 is a unique fuel-efficient, long-life gear oil designed to give the ultimate in performance and protection to meet the requirements of Volvo heavy duty gearboxes. Specially formulated fully synthetic base oils plus a unique new additive technology give improved lubrication and longer life for your equipment.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Low power loss - improved efficiency**  
Special frictional properties and high fluidity combine to give lower power loss, lower operating temperature and higher mechanical efficiency. Long additive life and excellent viscosity control maintains performance over the oil's lifetime and provides smooth shifting under all conditions.
- **Longer oil drain capability**  
Long life additives ensure long-term protection of the gears and high oxidation resistance so providing extended drain capability.
- **Longer transmission life**  
Outstanding pitting, scoring and wear protection. Excellent synchromesh compatibility - exceeds requirements of leading OEMs.
- **Less environmental pollution**  
Reduced environmental damage and improved recyclability result from the significantly lower chlorine content. Markedly improved seal compatibility for increased protection against leaks.

- **Part of the Shell synthetic lubricants team**

Use in conjunction with other Shell synthetic lubricants for maximum benefit.

### Main Applications



- **Automotive transmissions**

Synchromesh gearboxes, including those with integrated retarders, and medium loaded axle drives where mineral or synthetic gear oils are required.

### Specifications, Approvals & Recommendations

- API GL-4, MT-1
- Volvo Transmission 97307

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk.

### Typical Physical Characteristics

Properties			Method	Shell Spirax S6 GVME
SAE Viscosity Grade			SAE J 306	75W-80
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ISO 3104	56
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ISO 3104	9.1
Dynamic Viscosity	@-40°C	mPa*s	ISO 9262	36500
Shear Stability (Viscosity after shearing)	@100°C	mm <sup>2</sup> /s	CEC L-45_A-99 ISO 3104	8.8
Viscosity Index			ISO 2909	143
Density	@15°C	kg/m <sup>3</sup>	ISO 12185	849
Flash Point			ISO 2592	245
Pour Point			ISO 3016	-45

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

## Health, Safety & Environment

- **Health and Safety**

Shell Spirax S6 GVME 75W-80 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

## Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.