



Previous Name: Shell Spirax ASX-R 75W-90

# Shell Spirax S6 AXRME 75W-90

*Superior performance, extended drain synthetic, GL-5 axle oil for Roadranger, Meritor and others*

Shell Spirax S6 AXRME 75W-90 is a fuel-efficient axle fluid, designed to provide ultimate protection to the latest heavy-duty axles calling for API GL-5 type products. Specially formulated with synthetic base oils and additive technology that provide improved lubrication of the drive train, lowers the operating temperature and helps promote longer life for the equipment. Shell Spirax S6 AXRME 75W-90 is capable of extended oil drain and is approved by several OEMs for extended drain specifications. Extensive fleet testing has demonstrated a fuel efficiency improvement of over 1% when compared to several products in the same application.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **Fuel efficient formulation**  
Proven fuel efficiencies in both standard industry and commercial fleet testing methods of over 1%.
- **Longer oil drain capability**  
Meets the requirements of Dana SHAES 256 Rev C, (500,000 mile oil drains, with warranty for 750,000 miles), which documents the long drain capability of the fuel efficient formulation.
- **Longer equipment life**  
Excellent protection against gear wear and pitting, helps prevent premature failures. Outstanding Oxidation resistance also helps prevent damage to seals due to deposit formation.
- **Less lubricant usage**  
Excellent static and dynamic Seal Compatibility that meets or exceeds a number of leading OEM requirements, which helps minimize Seal leaks. The extended drain capabilities help maximize oil drain intervals resulting in less overall lubricant usage during the life of the equipment.
- **Recognized by leading equipment manufacturers**  
A number of leading equipment manufacturers recognize the benefits of Shell Spirax S6 AXRME 75W-90 and have formally approved it against their specifications.

### Main Applications



- **Drive axles in heavy duty on-highway trucks**  
Heavy duty axles and Other applications where SAE 75W-90 API GL-5 extreme pressure (EP) mineral or synthetic gear oil is recommended.  
  
Note: For Eaton Roadranger Transmissions Use Spirax S6 GME 50

### Specifications, Approvals & Recommendations

- ArvinMeritor O76-N
- Dana SHAES-256 Rev C
- International TMS 6816
- Mack GO-J Plus
- API GL-5, MT-1
- SAE J2360
- US Military MIL-PRF-2105E
- For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Help Desk, or the OEM Approvals website.

## Typical physical characteristics

Properties			Method	Shell Spirax S6 AXRME 75W-90
SAE Viscosity Grade			SAE J-306	75W-90
appearance				Amber
Kinematic Viscosity	@40°C	cSt	ASTM D-445	103
Kinematic Viscosity	@100°C	cSt	ASTM D-445	15
viscosity	@-40°C	cP	ASTM D-2983	90000
Viscosity Index			ASTM D-2270	152
density	@15.6°C	g/l	ASTM D-1298	891
density	60°F	lbs/gal.	ASTM D-1298	7.42
Flash Point (COC)			ASTM D-92	215 / (420)
Pour Point			ASTM D-97	<-45 / (<-49)

- These Characteristics are typical of current production. While future production will conform to Shell's specification, variations in These Characteristics may occur.

## Health, Safety & Environment

### ■ Health and Safety

Shell Spirax S6 AXRME 75W-90 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 your Shell representative.

### ■ Protect the Environment

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

## Additional Information

### ■ Advice

Product recommendations for applications not covered here may be obtained from your Shell representative.