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

Shell **Spirax** *S6 AXRME 75W-90*

Extended drain, OEM quality, synthetic, API GL-5 axle oil for Dana (Roadranger), Meritor, and Detroit Axle

Shell Spirax S6 AXRME 75W-90 is a fuel-efficient axle fluid, designed to provide ultimate protection to the latest heavy-duty axles that call for an API GL-5 type product. 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 their extended drain specifications. Standard industry and commercial fleet testing have 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 requirements of Dana SHAES 256 Rev. C, Detroit 93K219.01, Meritor O76-N, and Navistar MPAPS B-6816 for drain intervals up to 500,000 miles with proper monitoring.
- **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**
  Commercial vehicle axles, gear sets, and transmissions where SAE 75W-90, API GL-5, API MT-1 and SAE J2360 oils are required/recommended in mineral or synthetic oil. May be used in the specification listings below.

Specifications, Approvals & Recommendations

- Meritor O76-N
- DANA SHAES-256 Rev C
- Navistar MPAPS B-6816 (International Trucks)
- Mack GO-J Plus
- API GL-5, MT-1
- SAE J2360
- US Military MIL-PRF-2105E (Obsolete)
- Detroit Fluids Specification 93K219.01

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 AXRME 75W-90
SAE Viscosity Grade			SAE J306	75W-90
Appearance				Amber
Kinematic Viscosity	@40°C	cSt	ASTM D445	103
Kinematic Viscosity	@100°C	cSt	ASTM D445	15
Viscosity	@-40°C	cP	ASTM D2983	90000
Viscosity Index			ASTM D2270	152
Density	@15.6°C	g/l	ASTM D1298	891
Density	60°F	lbs/gal.	ASTM D1298	7.42
Flash Point (COC)		°C/ (°F)	ASTM D92	215 / (420)
Pour Point		°C/ (°F)	ASTM D97	<-45 / (<-49)

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 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 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.