



Shell Spirax ASX-R SAE 75W-90

High performance, full synthetic transmission and axle fluid meeting Roadranger SHAES 256 Rev C specifications with enhanced fuel efficiency.

Shell Spirax ASX-R is a fuel-efficient, long life transmission and axle fluid, designed to provide ultimate protection to the latest heavy duty manual transmissions and 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, lower the operating temperature and help promote longer life for the equipment. Shell Spirax ASX-R is an extended oil drain capable product 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.

Applications

Transmissions and axles

Heavily loaded axles and non-synchronized transmissions where mineral and synthetic gear oils are recommended.

Performance Features and Benefits

Fuel-efficient formulation

Proven fuel efficiencies in both Industry and Fleet testing methods of over 1%.

Longer oil drain capability

Meets the requirements of Dana SHAES 256 Rev C, (drains 804,600 kilometers, with warranty for 1.2 million kilometers), which documents the long drain capability of the fuel-efficient formulation. Please contact your local Shell representative for more information about extended oil drain intervals.

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 exceeding OEM requirements, which helps minimize seal leaks. The extended drain capabilities help maximize oil drain intervals resulting in less overall lubricant usage during life of the equipment.



Shell Lubricants

Shell Spirax ASX-R SAE 75W-90



Specification and Approvals

Shell Spirax ASX-R SAE 75W-90	
API	GL-5, MT-1
ArvinMeritor	O76-N, O76-E
DANA	SHAES-256 Rev C
International	TMS 6816
US Military	MIL-PRF-2105E / SAE J2360
Mack	GO-J Plus

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

DANA SHAES 256 Rev C - Specification Change

New specification: DANA SHAES 256 Rev C.

- Applies to Line Haul Applications Only (over the road hauling)

Changes made to improve performance

- High Torque Applications for Heavy and Medium Duty Trucks
- Approval for fluids meeting - Viscosity Class SAE 75W-90
- New low temperature viscosity limits
- Increased shear stability requirements
- Deposit control – Evaluation - Visual
- New field test requirements for current and new approvals

Performance Benefits:

Fuel efficiency saves money

- Quantifiable fuel savings
- 1% plus improvement
- \$884 yearly single truck – (160,000km, \$1.30 per litre of diesel, fuel consumption of 2.35km/litre)
- \$4,445 fuel saving per oil drain (804,600 kilometers)

Longer axle component life

- Reduced gear wear
- Reduced axle sump temperature
- Less frequent maintenance - less oil disposal
- More uptime for the truck

Improved protection in extreme conditions

- Severe low and high temperatures
- Extended drain intervals



www.shell.ca/lubricants



Shell Lubricants

1.800.661.1600

'Shell Lubricants' refers to the various Shell companies engaged in the lubricants business.