



# Shell Advance 4T AX7 10W-40

*Synthetic Technology 4 Stroke Motorcycle engine oil*

Shell Advance 4T AX7 with R.C.E. Technology is a unique, synthetic technology lubricant ideal for high performance motorbikes. Demanding engines deliver high power and torque and require oil performance reliability under these stressful conditions. Their riders expect the enjoyment and excitement of advanced ride comfort.

\*R.C.E. Technology is designed to deliver:

Shell Advance's R.C.E.\* Technology helps your bike perform to its peak potential, making it responsive to your slightest touch.

1. Increased oil performance Reliability by helping to remove deposits and maintain oil viscosity to give superior engine protection.
2. Advanced Control by smoothing clutch engagement and preventing slippage.
3. Enjoyable ride by reducing vibration and damping engine noise.

Shell Advance 4T AX7 offers excellent oil performance reliability that helps protect and clean the engine and helps prolong your engine life. It provides advanced control through smoother gear changes and enhanced ride comfort by reduced noise and vibration.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

#### Oil performance Reliability

Synthetic technology lubricant with special oil formulation to keep oil viscosity in grade for longer.

Enhanced wear protection actions against valve train wear.

Enhanced cleanliness: removal of sludge and engine deposits.

#### Advanced Control

Increased friction control; optimised friction control for smoother clutch engagement & gear changes.

#### Enjoyable Ride

Reduced vibration and engine noise; enhanced shear stability for a quieter and smoother ride.

- Offers enhanced performance for smaller motorbikes, underbones and mopeds.

### Specifications, Approvals & Recommendations

- API: SL
- JASO: MA2
- Shell Advance 4T AX7 exceeds the requirements of all Japanese, European, Indian and Chinese motorcycle manufacturers.

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

### Main Applications



- High performance air and water-cooled four stroke motorcycle engines, including those with integral gearboxes and wet clutches.
- Motorcycle gearboxes that must be lubricated by engine oils, including some gearboxes present in two stroke bikes and scooters.

## Typical Physical Characteristics

Properties			Method	Shell Advance 4T AX7
SAE Viscosity grade				10W - 40
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	98.6
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	15.8
Viscosity Index			ISO 2909	172
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	858
Flash Point (COC)			ISO 2592	230
Pour Point			ISO 3016	-36

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 Advance 4T AX7 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.