



## Gulf ZIPP 4T Smart 4-Stroke Motorcycle Oil

### Product Description

**Gulf ZIPP 4T Smart** is a high quality 4-stroke engine oil developed to meet the requirements of 4-stroke motorcycles. It provides reliable protection to engine and gears while ensuring smooth clutch performance under different operating conditions. It meets the performance specifications of API SG and JASO MA2.

### Features & Benefits

- Reliable antiwear properties protect engine and gear components to offer dependable performance
- Better detergency/ dispersancy helps keep engine cleaner for reduced maintenance costs
- Controlled frictional properties provides smooth clutch performance for improved rideability
- Good thermo-oxidative stability ensures consistent oil performance throughout oil life
- Effective rust and corrosion inhibition property helps extend engine/ component life

### Applications

- Recommended for air cooled 4-stroke motorcycle engines where an API SG and JASO MA2 or JASO MA quality oil is required
- Also suitable for small 4-stroke gasoline engines used in portable generators, pumps, garden machinery, hand held equipment and other applications

### Specifications, Approvals & Typical Properties

| Meets the following Specifications |             | 20W-40         | 20W-50 |
|------------------------------------|-------------|----------------|--------|
| API SG                             |             | X              | X      |
| JASO MA2                           |             | X              | X      |
| Typical Properties                 |             |                |        |
| Test Parameters                    | ASTM Method | Typical Values |        |
| Viscosity @ 100 °C, cSt            | D 445       | 13.7           | 18.0   |
| Viscosity Index                    | D 2270      | 107            | 123    |
| Flash Point, °C                    | D 92        | 240            | 246    |
| Pour Point, °C                     | D 97        | -24            | -24    |
| TBN, mg KOH/g                      | D 2896      | 4.5            | 4.5    |
| Density @ 15°C, Kg/l               | D 1298      | 0.878          | 0.878  |
| Sulphated Ash, %wt                 | D 874       | 0.66           | 0.66   |

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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