

## **DUCKHAMS QT Protect 20W-50 SG/MA2**

### **PRODUCT DESCRIPTION**

Duckhams QT Protect 20W-50 SG/MA2 is a mineral oil multi-grade engine oil, designed using updated additive technology and mineral base oils to meet the requirements of a four-stroke motorcycle engine, including those with integral gearboxes and immersed wet clutches.

Duckhams QT Protect 20W-50 SG/MA2 has been formulated to balance the requirements of lubricating a four-stroke engine, whilst still maintaining the optimum friction characteristics to ensure a consistent, positive, clutch response.

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### **FEATURES AND BENEFITS**

- Meets the friction requirements of JASO MA2 (and JASO MA) standard, ensuring suitability for use in engines with immersed, or wet, clutches. Reduces clutch slippage giving safe, consistent, clutch grip, leading to smooth gear change operations. Protects gears and discs from pitting and corrosion.
- Suitable for use in separate gearbox requiring an SAE 20W-50 lubricant meeting JASO MA2 or JASO MA.
- Lubricant designed to meet anti-wear and corrosion protection for older motorcycles, irrespective of riding style, throughout the oil drain interval, reducing component wear and extending component and engine life.
- Balanced detergent and dispersant additives reduce sludge and deposit build-up. Sludge and deposit control provide excellent engine cleanliness, maintaining engine performance from oil change to oil change.
- Good oxidation and thermal stability prolong the life of the oil, ensuring the engine is suitably lubricated, giving sustained engine performance.
- Multi-grade engine oil designed to operate over a wide range of temperatures, providing year-round protection.

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### **APPLICATIONS**

Suitable for use in a wide range of high revving air and liquid-cooled four-stroke motorcycle engines, including those with integral gearboxes and immersed wet clutches. Can also be used in gearboxes requiring an SAE 20W-50 lubricant, meeting JASO MA or MA2 requirements.

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**SPECIFICATIONS AND APPROVALS**

Meets or exceeds the required performance level for;

**API SG, JASO MA, JASO MA2**

**TYPICAL PHYSICAL CHARACTERISTICS**

Property	Unit	Typical Data
Viscosity Grade	-	20W-50
Viscosity @ 100°C	cSt	20.00
Viscosity @ 40°C	cSt	167.8
Viscosity Index	-	138
CCS @ -15°C	cP	5157
Pour Point	°C	-30
Total Base Number	mgKOH/g	6.9
Density @ 15.6°C	Kg/L	0.8680

Typical physical characteristics are provided as an indication of properties based on current production data only, and should not be construed as a specification. Acceptable variation may occur during the manufacturing process without affecting the performance of the lubricant. This data can change without notification. Current version of this data supersedes all previous versions.

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**HEALTH, SAFETY AND ENVIRONMENT**

Based on available information this product is not expected to present a significant health and safety hazard when used in the recommended applications and in accordance with the recommendations in the Safety Data Sheet. Safety Data Sheet available on request through your sales agent, or from the internet. Avoid prolonged or repeated contact with engine oils. Wash skin thoroughly after contact.

Protect the environment. Dispose of product and packaging in accordance with local regulations.

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**STORAGE AND HANDLING**

Packed lubricants should be stored under cover. Where outside storage of drums is unavoidable, they should be laid horizontal to avoid water ingress. Product should not be stored in direct sunlight or excessively high, or low, temperatures. Duckhams can provide professional advice on the storage of lubricants.

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