

## **DUCKHAMS QT Plus 10W-50 SN/MA2**

### **PRODUCT DESCRIPTION**

Duckhams QT Plus 10W-50 SN/MA2 is a multi-grade engine oil, designed using current additive technology and high-quality virgin base oils to meet the requirements of modern four-stroke motorcycle engines, including those with integral gearboxes and immersed wet clutches.

Duckhams QT Plus 10W-50 SN/MA2 has been carefully formulated to balance the requirements of lubricating a high revving four-stroke engine, whilst still maintaining the optimum friction characteristics to ensure 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.
- Excellent anti-wear performance provides advanced protection in all conditions, irrespective of riding style, reducing component wear and extending component and engine life.
- Excellent oxidation and thermal stability prolong the life of the oil, ensuring the engine is suitably lubricated, giving sustained engine performance.
- Stay in grade formulation designed to maintain the viscosity of the oil, ensuring suitable anti-wear and corrosion protection for engines throughout oil drain interval, reducing component wear and extending component and engine life.
- Carefully balanced detergent and dispersant additives provide excellent engine cleanliness, maintaining optimum engine power and efficiency from oil change to oil change, without compromising friction requirements for the transmission system.
- Multi-grade engine oil designed to operate over a wide range of temperatures, giving improved low-temperature start-up, reducing strain on electrical systems, whilst still providing good lubrication at high temperatures.

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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, as well as high-performance scooter engines. Can also be used in gearboxes requiring an SAE 10W-50 lubricant, meeting JASO MA or MA2 requirements.

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**SPECIFICATIONS AND APPROVALS**

Meets or exceeds the required performance level for;

API SN, JASO MA, JASO MA2

**TYPICAL PHYSICAL CHARACTERISTICS**

Property	Unit	Typical Data
Viscosity Grade	-	10W-50
Viscosity @ 100 °C	cSt	19.51
Viscosity @ 40 °C	cSt	134.3
Viscosity Index	-	166
CCS @ -25 °C	cP	5003
Pour Point	°C	-33
Total Base Number	mgKOH/g	8.3
Density @ 15 °C	Kg/L	0.8616

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.

**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.

**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.