



DUCKHAMS QT Protect 20W-50 SG/MA2

PRODUCT DESCRIPTION

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

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

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 a 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.

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.



SPECIFICATIONS AND APPROVALS

Meets or exceeds the required performance level for;

API SG, JASO MA/MA2

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	Method	Typical Data
Viscosity Grade	-	-	20W-50
Appearance	-	Visual	Clear
Density @ 15°C	Kg/L	ASTM D1298	0.8933
Viscosity @ 100°C	cSt	ASTM D445	18.47
Viscosity @ 40°C	cSt	ASTM D445	164.32
Viscosity Index	-	ASTM D2270	126
CCS @ -15 °C	°C	ASTM D5293	7413
Flash Point (Closed Cup)	°C	ASTM D92	238
Pour Point	°C	ASTM D97	-21
Total Base Number	mgKOH/g	ASTM D2896B	6.51

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.
