



TECHNICAL DATA SHEET

GUARDIAN MOTORCYCLE RANGE

Guardian Motorcycle Semi Synthetic engine oils are premium grade 4 stroke engine oils that meet the exacting demands of modern high performance motorcycle engines.

FEATURES

- Advanced additive, high detergent formulation ensures maximum engine component protection and superior resistance to deposits and corrosion, resulting in extended engine life and optimum performance under the most arduous of conditions. Utilising Ester-Guard technology ensures our Guardian Motorcycle Range can cope with the rigors and stress generated by modern high performance motorcycle engines.
- Rapid cold start circulation, providing maximum protection during initial start up
- Passes crucial clutch friction test required to meet the JASO MA/MA2 specifications, allowing safe, predictable use in wet clutch applications
- Reduced phosphorous level to ensure excellent compatibility with catalysts now fitted to the latest motorcycles

PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS:

API	SN (Incl. API SM, SL, SJ, SH, SG)
JASO	MA / MA2

TYPICAL PHYSICAL CHARACTERISTICS

Viscosity Grade (SAE)	10W-30	10W-40	10W-50	20W-50
Density @ 15°C	0.872	0.871	0.860	0.880
Viscosity @40°C (cSt)	76.7	105.0	127.8	170.2
Viscosity @100°C (cSt)	12.1	15.5	18.9	20.1
Viscosity Index	154	156	167	137
Appearance	Amber	Amber	Amber	Amber
NOACK Volatility @ 250°C	9.3%	10.3%	10.2%	5.6%
HTHS Viscosity @ 150°C	3.1cP	4.1cP	4.9cP	5.6cP
Product Code	01148	03400	04770	04780

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email technical@rockoil.co.uk or telephone +44 (0) 1925 636191 if you require any further information.