



TECHNICAL DATA SHEET

SYNTHESIS 4 RACING 15W-50

A championship winning, advanced synthetic, ester motorcycle engine lubricant. The Rock Oil Synthesis brand has been around for over 20 years and has become synonymous within the road racing fraternity for supreme performance. Due to our commitment to continuous Research & Development the Rock Oil Synthesis series of products are as advanced as ever.

FEATURES

- Tri-Synthetic Formula includes Ester, PAO and a proprietary next generation base oil
- Longer life to allow extended drain intervals in the most arduous applications and environments
- Market leading additive technology
- Maintains ultra clean internal engine components throughout drain interval
- Outstanding shear stability through use of active, self-healing Viscosity Modifiers
- Important for maintaining stay-in-grade viscosity and stable oil pressure throughout the life of the product
- Passes JASO T903:2023 wet clutch friction test to highest level – JASO MA2 / JASO MA
- Assured use in motorcycle engines with combined crankcase, gearbox and oil immersed (wet) clutch

PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS:

API SP, SN, SM, SL, SJ

JASO MA2 / MA

TYPICAL PHYSICAL CHARACTERISTICS

| | |
|-------------------------|--------|
| Viscosity Grade (SAE) | 15W-50 |
| Density @ 15°C (kg/L) | 0.855 |
| Viscosity @ 40°C (cSt) | 126.0 |
| Viscosity @ 100°C (cSt) | 18.4 |
| Viscosity Index | 167 |
| CCS @ -20°C (cP) | 5000 |
| NOACK Volatility (%) | 4.0 |
| HTHS @ 150°C (cP) | 5.0 |
| TBN (mgKOH/g) | 8.3 |
| Appearance | Amber |
| Product Code | 03100 |

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.