NERO-R 4T 5W-40

4T RACING MOTORCYCLE OIL
100% SYNTHETIC *COMPLEX-ESTER MATRYX®* TECHNOLOGY

ULTRA HIGH PERFORMANCE 4T RACING MOTORCYCLE OIL DEVELOPED FROM DECADES OF EXPERIENCE IN CONJUNCTION WITH FACTORY RACING TEAMS.

THE USE OF OUR PROPRIETARY ***COMPLEX-ESTER MATRYX®***, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES MAXIMUM ENGINE POWER WITHOUT ANY COMPROMISE ON COMPONENT WEAR OR ENGINE RELIABILITY. THIS PRODUCT PROVIDES WORLD CLASS LUBRICATION OF ENGINE & GEARBOX WHILST MAINTAINING THE HIGHEST LEVEL OF CLUTCH FRICTION.

APPLICATIONS

ALL ROAD & OFF-ROAD 4 STROKE RACE BIKES WITH OR WITHOUT INTEGRAL GEARBOX AND WET OR DRY CLUTCH.
MAIN USES: SUPERBIKE (ALL CLASSES), GRAND PRIX (ALL CLASSES), MOTOCROSS, SUPERCROSS, ENDURO
OTHER USES: PERFORMANCE BIKES, SPORT BIKES, STREET BIKES (INCLUDING THOSE FITTED WITH CATALYTIC CONVERTER), SCOOTER, ATV, UTV.

KEY FEATURES

- 100% SYNTHETIC ***COMPLEX-ESTER MATRYX®*** TECHNOLOGY
- LOWEST VISCOSITY MOTORCYCLE OIL OFFICIALLY LISTED BY JASO WORLDWIDE
- RELEASES MORE POWER THAN PREVIOUS GENERATION RACING OILS, WITHOUT SACRIFICING ENGINE DURABILITY
- HIGHLY RESISTANT TO PERMANENT VISCOSITY LOSS, ESPECIALLY IMPORTANT FOR MOTORCYCLES WITH COMBINED CRANKCASE AND TRANSMISSION
- ULTRA LOW OIL CONSUMPTION
- MARKET LEADING SALICYLATE DEPOSIT CONTROL CHEMISTRY
- EXCELLENT STATIC AND DYNAMIC FRICTION CHARACTERISTICS FOR PERFECT OIL IMMERSED CLUTCH OPERATION DURING INITIAL ENGAGEMENT, CONSTANT SPEED AND ACCELERATION PHASES.

PERFORMANCE

SIGNIFICANTLY ABOVE ALL EXISTING MOTORCYCLE OIL PERFORMANCE STANDARDS

JASO	T904 - MA2
JASO	T904 - MA

MAY BE USED WHERE API SP, SN, SM, SL, SJ, SH OR SG ARE REQUIRED IN ALL POWERSPORT APPLICATIONS.

NERO-R 4T 5W-40 IS SUITABLE FOR USE IN ALL **BMW®, KAWASAKI®, SUZUKI®, YAMAHA®** AND OTHER EQUIPMENT WHERE SAE 5W-40 OR 10W-40 AND ABOVE PERFORMANCE SPECIFICATIONS ARE APPROPRIATE.

PHYSICAL & CHEMICAL CHARACTERISTICS

PROPERTY	METHOD	UoM	TYPICAL	JASO LIMITS
SAE VISCOSITY	SAE J300	-	5W-40	-
SAE VISCOSITY	SAE J306	-	75W-90	-
RELATIVE DENSITY @ 15°C	ASTM D4052	g/cm3	0.8530	REPORT
KINEMATIC VISCOSITY @ 40°C	ASTM D445	mm2/s	90.70	REPORT
KINEMATIC VISCOSITY @ 100°C	ASTM D445	mm2/s	14.60	12.5<16.3
VISCOSITY INDEX	ASTM D2270	-	168	REPORT
CCS VISCOSITY @ -30°C	ASTM D5293	mPa.s	6050	6600 MAX.
HTHS VISCOSITY @ 150°C	ASTM D5481	mPa.s	4.0	2.9 MIN.
TOTAL BASE NUMBER (TBN)	ASTM D2896	mgKOH/g	8.4	REPORT
FLASH POINT (CoC)	ASTM D92	°C	250	REPORT
POUR POINT	ASTM D97	°C	-36	REPORT
EVAPORATIONAL LOSS - NOACK (250°C)	ASTM D5800B	% mass	5.4	20 MAX.
KO SHEAR STABILITY - AFTER SHEAR (100°C)	ASTM D6278	mm2/s	14.0	12.0 MIN.
SHEAR STABILITY INDEX – SSI	ASTM D6278	%	4.1	-
FOAMING TENDENCY - SEQUENCE I (24°C)	ASTM D892	mL	0-0	10-0
FOAMING TENDENCY - SEQUENCE II (93.5°C)	ASTM D892	mL	0-0	50-0
FOAMING TENDENCY - SEQUENCE III (24°C)	ASTM D892	mL	0-0	10-0
SULPHATED ASH	ASTM D874	% mass	1.0	1.2 MAX.
PHOSPHORUS CONTENT	ASTM D6443	% mass	0.10	0.08-0.12
SULPHUR CONTENT	ASTM D6443	% mass	0.30	REPORT
APPEARANCE	ASTM D4176-1	-	CLEAR & BRIGHT	REPORT
COLOUR	VISUAL	-	BLUE	REPORT

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