

NERO-R GEAR ULTRALIGHT

SYNTOL
LUBRICANTS

2T RACING MOTORCYCLE GEAR OIL

100% SYNTHETIC **COMPLEX-ESTER MATRYX®** TECHNOLOGY

ULTRA HIGH PERFORMANCE 2T RACING MOTORCYCLE GEAR 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 MINIMUM POWER TRANSMISSION LOSSES WITHOUT ANY COMPROMISE ON COMPONENT WEAR OR RELIABILITY. THIS PRODUCT PROVIDES WORLD CLASS LUBRICATION OF HIGHLY STRESSED GEARBOX COMPONENTS WHILST MAINTAINING THE HIGHEST LEVEL OF CLUTCH FRICTION.

APPLICATIONS

ALL ROAD & OFF-ROAD 2 STROKE RACE BIKE GEARBOXES WITH A WET OR DRY CLUTCH THAT ARE USED IN EXTREME CONDITIONS.

MAIN USES: ROAD RACING, MOTOCROSS, SUPERCROSS, ENDURO

OTHER USES: HIGH PERFORMANCE BIKES, SPORT BIKES, STREET BIKES, DESERT, SCOOTER, ATV

KEY FEATURES

- 100% SYNTHETIC **COMPLEX-ESTER MATRYX®** TECHNOLOGY
- RELEASES MORE POWER THAN PREVIOUS GENERATION GEAR OILS, WITHOUT SACRIFICING GEARBOX DURABILITY
- 100% RESISTANT TO PERMANENT VISCOSITY LOSS, ESPECIALLY IMPORTANT FOR MOTORCYCLES WITH HIGHLY LOADED GEARSETS.
- 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
JASO

T904 - MA2
T904 - MA

MAY BE USED WHERE API SP, SN, SM, SL, SJ, SH OR SG ARE REQUIRED IN GEARBOX / TRANSMISSION APPLICATIONS.
NERO-R GEAR ULTRALIGHT IS SUITABLE FOR USE IN RACING APPLICATIONS WHERE MAXIMUM POWER IS REQUIRED.

NERO-R GEAR ULTRALIGHT MUST NOT BE USED IN ENGINE (CRANKCASE) APPLICATIONS.

PHYSICAL & CHEMICAL CHARACTERISTICS

PROPERTY	METHOD	UoM	TYPICAL	JASO LIMITS
SAE VISCOSITY	SAE J300	-	5W-20	-
SAE VISCOSITY	SAE J306	-	75W-80	-
RELATIVE DENSITY @ 15°C	ASTM D4052	g/cm ³	0.8532	REPORT
KINEMATIC VISCOSITY @ 40°C	ASTM D445	mm ² /s	50.50	REPORT
KINEMATIC VISCOSITY @ 100°C	ASTM D445	mm ² /s	9.05	6.9-9.3
VISCOSITY INDEX	ASTM D2270	-	161	REPORT
CCS VISCOSITY @ -30°C	ASTM D5293	mPa.s	5050	6600 MAX.
HTHS VISCOSITY @ 150°C	ASTM D5481	mPa.s	3.0	2.9 MIN.
TOTAL BASE NUMBER (TBN)	ASTM D2896	mgKOH/g	8.3	REPORT
FLASH POINT (CoC)	ASTM D92	°C	255	REPORT
POUR POINT	ASTM D97	°C	-42	REPORT
EVAPORATIONAL LOSS - NOACK (250°C)	ASTM D5800B	% mass	3.0	20 MAX.
KO SHEAR STABILITY - AFTER SHEAR (100°C)	ASTM D6278	mm ² /s	9.05	6.9 MIN.
SHEAR STABILITY INDEX - SSI	ASTM D6278	%	0	-
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

