

# NERO-R SX SERIES



## RACING MOTORCYCLE SHOCK FLUIDS

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

ULTRA HIGH PERFORMANCE MOTORCYCLE SHOCK FLUIDS DEVELOPED USING DECADES OF EXPERIENCE AND COLLABORATION WITH MAJOR SHOCK ABSORBER MANUFACTURERS

THE USE OF OUR PROPRIETARY **COMPLEX-ESTER MATRYX®**, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES MAXIMUM PERFORMANCE WITHOUT ANY COMPROMISE ON COMPONENT WEAR. THESE PRODUCTS PROVIDE WORLD CLASS LUBRICATION OF ALL TYPES OF SHOCK ABSORBER AND ENSURES THE HIGHEST LEVEL PERFORMANCE AND RIDER CONFIDENCE.

#### APPLICATIONS

**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

- ONE OF THE WORLD'S MOST FADE RESISTANT MOTORCYCLE SHOCK ABSORBER FLUIDS PROVIDES CONSISTENT DAMPING PERFORMANCE REGARDLESS OF RIDING TIME.
- 100% SYNTHETIC **COMPLEX-ESTER MATRYX®** TECHNOLOGY
- 2 VISCOSITY GRADES WHICH COVER ALL SHOCK ABSORBER APPLICATIONS: **NERO-R SX 1.0 & SX 3.5**
- MARKET LEADING ANTI-FRICTION ADDITIVE CHEMISTRY RESULTS IN EXTREMELY LOW INTERNAL SHOCK FRICTION.
- CONTAINS SPECIAL ADDITIVES TO CONDITION SEALS WHICH KEEPS THEM SUPPLE AND LEAK FREE.
- POWERFUL FOAM INHIBITION TECHNOLOGY PROVIDES OUTSTANDING GAS (E.G. AIR, ARGON, NITROGEN) ENTRAINMENT AND RELEASE PERFORMANCE AS WELL AS EXCELLENT RESISTANCE TO FOAMING.
- EXTREMELY LONG SERVICE LIFE DUE TO EXCEPTIONAL OXIDATION RESISTANCE.
- ULTRA PURE, EXTREMELY HIGH CLEANLINESS TO ENSURE NO RISK OF BLOCKAGE OR RESTRICTION IN ADVANCED SHOCK VALVING.

#### RECOMMENDATIONS

#### **SIGNIFICANTLY ABOVE ALL EXISTING SHOCK FLUID PERFORMANCE STANDARDS**

GRADES CAN BE MIXED TO FURTHER REFINE VISCOSITY IN ORDER TO MEET RIDER SPECIFIC DAMPING REQUIREMENTS. (VISCOSITY BLENDING CHART AVAILABLE ON USER REQUEST)

USE EXACT QUANTITY AS RECOMMENDED BY SHOCK MANUFACTURER.

FOR USE IN ALL SHOCK ABSORBERS INCLUDING THOSE FROM THE FOLLOWING MANUFACTURERS:

**BITUBO®, SHOWA®, K-TECH®, KYB®, MARZOCCHI®, MAXTON®, OHLINS®, WP®**

#### PHYSICAL & CHEMICAL CHARACTERISTICS

PROPERTY	METHOD	UoM	SX 1.0	SX 3.5
RELATIVE DENSITY @ 15°C	ASTM D4052	g/cm3	0.8247	0.8210
KINEMATIC VISCOSITY @ 40°C	ASTM D445	mm2/s	7.44	12.30
KINEMATIC VISCOSITY @ 100°C	ASTM D445	mm2/s	4.33	7.06
VISCOSITY INDEX	ASTM D2270	-	745	674
FLASH POINT (CoC)	ASTM D92	°C	95	110
POUR POINT	ASTM D97	°C	-57	-57
FOAMING TENDENCY - SEQUENCE I (24°C)	ASTM D892	mL	20-0	20-0
FOAMING TENDENCY - SEQUENCE II (93.5°C)	ASTM D892	mL	0-0	10-0
FOAMING TENDENCY - SEQUENCE III (24°C)	ASTM D892	mL	0-0	20-0
APPEARANCE	ASTM D4176-1	-	CLEAR & BRIGHT	CLEAR & BRIGHT
COLOUR	VISUAL	-	BLUE	BLUE

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