



TAIJUTSU SHL- V220, V221, V222, V223, V224, V225

Product Description:

Taijutsu Marine System oil series are a high-performance system oil for use in low speed 2-stroke marine diesel engines. It is a blend of highly refined high viscosity index base oil and a balanced selection of additives allowing it to provide the highest levels of machinery protection in highly rated low speed marine engine and can also be used in many different marine equipment.

Taijutsu Marine System oil series are compatible with all major auxiliary engine marine lubricants and can be used for all stationary shipboard auxiliary equipment.

Applications / Benefits:

Excellent water resistance.
Excellent anti-oxidation
Excellent anti-rusting and corrosion-proof performance
dispersancy
Good thermal stability

Typical Physical Characteristics

Test Description	Method	V220	V221	V222
SAE Viscosity Grade	SAE J 300	30	40	50
Specific Gravity @15°C	ASTM D 4052	0.894	0.898	0.901
Flash point, °C	ASTM D 92	230	240	250
Pour Point, °C	ASTM D 97	-9	-9	-9
Kinematic Viscosity, @40°C cSt	ASTM D 445	102.6	145.5	202.9
@100°C cSt	ASTM D 445	11.46	14.42	17.95
Viscosity Index	ASTM D 2270	98	97	96
TBN, mgKOH/g	ASTM D 2896	5.0	5.0	5.0
Color	ASTM D 1500	<3.0	<3.0	<3.0

Test Description	Method	V223	V224	V225
SAE Viscosity Grade	SAE J 300	30	40	50
Specific Gravity @15°C	ASTM D 4052	0.894	0.898	0.901
Flash point, °C	ASTM D 92	230	240	250
Pour Point, °C	ASTM D 97	-9	-9	-9
Kinematic Viscosity, @40°C cSt	ASTM D 445	102.6	145.5	202.9
@100°C cSt	ASTM D 445	11.46	14.42	17.94
Viscosity Index	ASTM D 2270	98	97	96
TBN, mgKOH/g	ASTM D 2896	8.0	8.0	8.0
Color	ASTM D 1500	<3.0	<3.0	<3.0

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your Shinolub representative.

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.