

BOATING

Designed for the maintenance of pleasure boats, fishing boats and water sports equipment, but also for certain professional coastal or river applications, the HAFA Seaway range will satisfy the needs of both private individuals and professionals.

The lubrication and greasing of marine equipment in accordance with the recommended oil change intervals ensures optimum service life and guarantees good sealing and corrosion protection.

Environmental protection is an important stake for us, that is why several of our products are AURAE Eco responsible.



OUTBOARD

We developed a outboard range called SEAWAY HB to lubricate 2-stroke and 4-stroke outboard engines. Our lubricants meets the National Marine Manufacturers Association recommendations.

PRODUCT	NATURE	APPLICATIONS	SPECIFICATIONS
---------	--------	--------------	----------------

2-STROKE ENGINES

SEAWAY HB 2T	-	SEAWAY HB 2T is a lubricant specifically formulated for water-cooled 2-stroke outboard petrol engines with or without direct injection. SEAWAY HB 2T is particularly suitable for the 2-stroke outboard engines, with separate lubrication or which use a mixture, of brands such as: Marinier, Mercury, Suzuki, Yamaha, Selva, etc. SEAWAY HB 2T is particularly suitable for the latest engines and latest fuels.	API TC ISO-L-EGB JASO FB NMMA TC-W3
SEAWAY HB AURAE 2T	Synthetic	SEAWAY HB AURAE 2T is a high performance biodegradable synthetic 2-stroke engine oil formulated with a complex ester base. SEAWAY HB 2T AURAE is intended for the lubrication of 2-stroke outboard petrol engines either by direct injection or by mixing. Although Seaway HB AURAE 2T was developed for water-cooled 2-stroke engines, it can also be used in air-cooled 2-stroke engines due to its TC API+ specification.	API TC+ NMMA TC-W3

4-STROKE ENGINES

SEAWAY HB 4T S 10W-30	Semi-synthetic	SEAWAY HB 4T S is a synthetic lubricant with viscosity SAE 10W-30 specially formulated for 4-stroke petrol engines operating under severe conditions and requiring NMMA FC-W oil. SEAWAY HB 4T S is particularly suitable for the 4-stroke outboard engines of brands such as: Marinier, Mercury, Suzuki, Yamaha, Honda, etc.	API SM NMMA FC-W
SEAWAY HB 4T S 10W-40	Semi-synthetic	SEAWAY HB 4T S is a synthetic lubricant with viscosity SAE 10W-40 specially formulated for 4-stroke petrol engines operating under severe conditions and requiring NMMA FC-W oil. SEAWAY HB 4T S is particularly suitable for the 4-stroke outboard engines of brands such as: Marinier, Mercury, Suzuki, Yamaha, Honda, etc.	API SM NMMA FC-W
SEAWAY HB 4T 25W-40	-	SEAWAY HB 4T 25W-40 is a SAE 25W-40 viscosity lubricant specially formulated for 4-stroke outboard engines used in recreational marine craft and some coastal and inland/river professional applications. SEAWAY HB 4T 25W-40, due to its response to NMMA FC-W specification, is suitable for outboard engines and also inboard 4-stroke petrol engines of the following brands, Mercruiser, Mercury Marine, Nissan Marine, etc.	NMMA FC-W

EMBASE

SEAWAY EMBASE	-	SEAWAY EMBASE is a SAE90 gear oil specifically designed to lubricate the propeller box gearcase of outboard engines. SEAWAY EMBASE is an oil specially developed for use on the lower unit/gearcase of these engines.	API GL-5
---------------	---	---	----------

Current packaging :



JET SKI ENGINES LUBRICANT

SEAWAY JET is specially developed for 2-stroke and 4-stroke jet ski engines.

PRODUCT	NATURE	APPLICATIONS	SPECIFICATIONS
---------	--------	--------------	----------------

2-STROKE ENGINES

SEAWAY JET 2T	-	SEAWAY JET 2T is a specially developed for 2-stroke jet ski, water scooter and watercraft petrol engines, with or without direct injection. SEAWAY JET 2T is particularly suitable for 2-stroke engines with separate lubrication or which use a mixture, of : Kawasaki, Yamaha, Bombardier RP (Sea-Doo) etc. SEAWAY JET 2T is particularly suitable for the latest engines and is suitable for all types of petrol.	JASO FB ISO-L-EGB API TC NMMA TC-W3
---------------	---	--	--

4-STROKE ENGINES

SEAWAY JET 4T	Semi-synthetic	SEAWAY JET 4T is a semi-synthetic lubricant with viscosity SAE 10W-40 specially formulated for 4-stroke petrol engines operating under severe conditions and requiring NMMA FC-W oil. SEAWAY JET 4T is particularly suitable for the 4-stroke jet ski and watercraft engines of brands such as : Yamaha , Kawasaki etc. SEAWAY JET 4T is compatible with the new engines with catalytic converters and is suitable for all petrol types.	API SM NMMA FC-W
---------------	----------------	--	---------------------

Current packaging :



INBOARD LUBRICANT

SEAWAY INBOARD range is specially designed to extend the life of your engine, for both recreational and professional use off the coast or on the river.

PRODUCT	NATURE	APPLICATIONS	SPECIFICATIONS
---------	--------	--------------	----------------

2-STROKE ENGINES

SEAWAY IB 2T D	-	SEAWAY IB 2T D is a monograde lubricant with SAE 40 viscosity suitable for the lubrication of 2-stroke diesel engines, when the API CF-2 specification is required, typically for Detroit Diesel engines. SEAWAY IB 2T D can also be used in other fields of activity utilising 2-stroke Diesel engines, such as in construction machinery, agricultural equipment and generators.	API CF-2
----------------	---	--	----------

4-STROKE ENGINES

SEAWAY IB 4T 5W-30	Synthetic	SEAWAY IB 4T 5W-30 is a synthetic oil specially adapted for the lubrication of marine 4-stroke inboard petrol and diesel engines, supercharged, turbocharged or naturally aspirated, used for marine pleasure craft and some coastal or inland/river professional applications. SEAWAY IB 4T 5W-30 is particularly recommended for the 4BY and 6BY inboard engines of Yanmar and the marine engines of Volkswagen Marine. SEAWAY IB 4T 5W-30 is also suitable for other inboard engines for which the performance data described below would be required, such as Steyr Motors, Mercury Marine etc.	VW 504.00 / 507.00 BMW LL-04
SEAWAY IB 4T 10W-40	Semi-synthetic	SEAWAY IB 4T 10W-40 is a semi-synthetic lubricant specifically designed for marine pleasure craft and some coastal or inland/river professional applications. SEAWAY IB 4T 10W-40 is perfectly recommended for petrol or diesel 4 stroke inboard engines, naturally aspirated, or supercharged/turbocharged with direct injection, common rail, or pump injectors, such as produced by Caterpillar, Mercury Marine, Volvo Penta, MTU, John Deere etc., which recommend the specifications described below. SEAWAY IB 4T 10W-40 can be used on newer or older engines regardless of the pollution control systems used.	ACEA E9 / E7 API CJ-4, CK-4 Cat ECF-3 MTU type 2.1 VOLVO VDS-4.5 Deutz DQC III-10 LA
SEAWAY IB 4T 15W-40	-	SEAWAY IB 4T 15W-40 is suitable for the lubrication of 4-stroke marine petrol and diesel inboard engines, supercharged, turbocharged or naturally aspirated, used for marine pleasure craft and some coastal or inland/river professional applications. SEAWAY IB 4T 15W-40 is perfectly suited for many marine engines as well as for lifeboats, generators etc. SEAWAY IB 4T 15W-40 is suitable for lubricating engines, such as Caterpillar, Cummins, MAN, Mercury Marine, Perkins, and Volvo Penta that recommend the specifications described beside.	ACEA A3/B4, ACEA E7 Cat ECF-2 MAN M 3275-1 MTU Type 2 VOLVO VDS-3 API CI-4 / SL Cummins CES 20078
SEAWAY IB 4T 15W-50	Semi-synthetic	SEAWAY IB 4T 15W-50 is a synthetic base lubricant specifically adapted for the lubrication of marine 4-stroke inboard petrol and diesel engines, supercharged, turbocharged or naturally aspirated, used for marine pleasure craft and some coastal or inland/river professional applications. SEAWAY IB 4T 15W-50 is perfectly recommended for Volvo Penta petrol and direct injection engines.	ACEA A3/B3, API SL/CF

INVERTER

SEAWAY INVERSEUR SAE 30	-	SEAWAY INVERSEUR is a monograde mineral lubricant, with SAE 30 viscosity, suitable for the lubrication of transmission members used in marine pleasure craft and some coastal or inland/river applications. SEAWAY INVERSEUR is ideally recommended for transmission members, such as reverse/reduction boxes, shaft lines, gear cases, gearboxes, in-line hydraulic drives, etc., when a SAE 30 viscosity engine oil is recommended.	API SG/CD
SEAWAY INVERSEUR D III	Semi-synthetic	SEAWAY INVERSEUR D III is a high performance fluid, suitable for the lubrication of reversing/reduction gearboxes, on marine craft and some coastal or river applications, that require Dexron IID or Dexron IIIG standards. SEAWAY INVERSEUR D III is also used for the efficient lubrication of power steering, gear housings, gearboxes, hydraulic transmissions etc., requiring an ATF oil. SEAWAY INVERSEUR D III can be used for applications where «DEXRON», «B DEXRON», «DEXRON II D», «DEXRON IIE», or «DEXRON III» is recommended.	GM Dexron IID GM DEXRON IIE GM DEXRON IIIG ZF TE-ML 04D

Current packaging :



GREASES

Our marine greases offer high levels of water resistance even when high volumes of water come into contact with the grease.

PRODUCT	NATURE	APPLICATIONS	NLGI GRADE	TEMPERATURE	THICKENER	ISO VISCOSITY GRADE	WELD LOAD	CLASSIFICATION		COLOR
								ISO 12924 -L-	DIN 51502	
BROSIA SEA TACK W 1.5	Semi-synthetic	BROSIA SEA TACK W 1.5 is a salt water and bad weather high-resistance marine grease. BROSIA SEA TACK W 1.5 is intended for lubrication of hinges and roller bearings exposed to washout environments or particularly corrosive and humid environments.	1.5	- 40°C up to +120°C	Calcium Lithium	260	250 kg	XDCIB 1.5	KP15K-40	Green
BROSIA X PERF PLUS WSC 2	Mineral	BROSIA X PERF PLUS WSC 2 is an ultra high-performance grease. BROSIA X PERF PLUS WSC 2 is recommended for mechanisms subject to extreme loads or operating in hot, humid or corrosive environments.	2	- 30°C up to + 140°C	Complex Calcium Sulfonate	290	>600 kg	XC(F)DIB2	KP2N-30	Blond

Current packaging :

