

SeaStar Steering Fluid Features

· Specialized base oil selection is critical in determining overall basis of performance

Anti-foaming agents

Anti-rust agents/corrosion inhibitors

- If water ingresses into the system this additive helps to prevent rusting

Viscosity stabilizers

- Provides viscosity stability over wide temperature
 - Cold weather maintains low steering effort
 - Hot weather reduces steering slip; maintains system efficiency

Wear additives

- Enhances overall life expectancy of the system

Water emulsification adders

Anti-oxidants

- heavier steering
- Performance matched to work with our proprietary seal compounds

useseastar hydraulicfluid

SEASTAR BAYSTAR" CAPILANO Hynaulic

Why is this important?

SeaStar Solutions hydraulic steering systems are engineered to provide boaters with a consistent steering feel over a wide range of conditions. SeaStar Hydraulic Steering Fluid is a part of the system and is the only fluid used to validate system performance. By utilizing a proprietary additive package that contains anti-foaming and anti-rusting agents, anti-oxidants, viscosity stabilizers, corrosion inhibitors, wear additives and water emulsification additives; SeaStar Hydraulic Steering Fluid provides a consistent steering feel, while protecting the precision engineered components of the system.













By using SeaStar steering systems with only SeaStar components, you ensure the system performs for the boater as it was designed. Use of non-approved components may result in higher steering effort, steering slip, bumpy steering, internal corrosion, elevated wear rates on internal components and/or seal failure. Validated and performance matched to ensure the optimum performance and safety of our hydraulic steering systems, SeaStar Hydraulic Steering Fluid is the only product we recommend to be used in our systems.

Fluid meets ISO 4406 minimum cleanliness level of 19/15. Recommended for proportional/servo valve applications.



USE OF NON-STANDARD FLUIDS WILL REQUIRE AN IMMEDIATE AND COMPLETE
SYSTEM FLUSH USING APPROVED FLUIDS, BY AN APPROVED STEERING TECHNICIAN.



NEVER FILL OR MIX BRAKE FLUIDS, TRIGLYCERIDES OR POLYALKYLENE GLYCOLS WITHIN A HYDRAULIC STEERING SYSTEM.

hydraulichoses

SeaStar Steering hoses are a custom multi-layered composite design, engineered specifically for our systems. They are designed to exceed SAE and ABYC specifications and provide precise steering control not achievable with hydraulic industry standard hoses. SeaStar Hoses are engineered to provide the system with very low volumetric expansion properties and are kink and abrasion resistant. Our hoses also feature a swaged solid fitting connection with an O-ring seal and a metal to metal backup to the primary seal. Due to performance and safety concerns, SeaStar Solutions recommends that ONLY SeaStar or SeaStar PRO steering hoses be used in SeaStar Steering Systems.

Required to provide a path for the fluid to flow under pressure from the helm pump to the cylinder.

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SEASTAR OUTBOARD HOSE KITS	PART No.
SeaStar Hose Kit	HO51XX
SeaStar Hose Kit with Bulkhead Fittings	HO81XX
SeaStar Pro Hoses Kit	HO57XX
SeaStar Pro Hose Kit with Bulkhead Fittings	HO82XX

SEASTAR HYDRAULIC HOSES ARE DESIGNED FOR MAX PERFORMANCE

USE SEASTAR HYDRAULIC STEERING FLUID

SeaStar Solutions offers three different types of steering hoses:

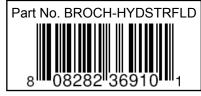
- Standard (straight line hoses, not passing through bulkheads) from 1' to 5' (1' increments) and 6' to 30 feet (2' increments). Both SeaStar standard and SeaStar Pro Available.
- Stainless Steel Bulkhead hoses: These hose assemblies have integral 316 stainless steel bulkhead plate(s) and 316 stainless steel fittings which allow for tidy hose routing while preventing hose kinking or chafing. Available from 2' to 30'. Both SeaStar standard and SeaStar Pro available.

HELP PROTECT YOUR BOATING ENVIRONMENT BY ENSURING THAT ALL **USED OIL IS DISPOSED** OF PROPERLY.



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STAINLESS STEEL BULKHEAD HOSES	PART No.	
SeaStar Single Stainless Steel Bulkhead Hose Kit (2 hoses)	HO86XX	
SeaStar Single Stainless Steel Pro Bulkhead Hose Kit (2 hoses)	HO87XX	
SeaStar Double Stainless Steel Bulkhead Hose Kit (2 hoses)	HO88XX	
SeaStar Double Stainless Steel Pro Bulkhead Hose Kit (2 hoses)	HO89XX	
SEASTAR HYDRAULIC STEERING FLUID		
SeaStar Hydraulic Steering Fluid, 32 fl. oz1 Liter	HA5430H	
SeaStar Hydraulic Steering Fluid, 4 Liter -1 Gallon	HA5440H	
SeaStar Hydraulic Steering Fluid, 5 Gallon	HA5458H	



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