US Lube

US LUBE STAR MARINE 20

US Lube Star Marine 20 lubricant is specially formulated engine oil for lubricating medium-speed trunk piston medium-speed diesel engines on board ships, coastal vessels, tugboats as well as land-based stationary power-generation equipment. US Lube Star Marine 20 lubricant is suitable for use in engines burning residual fuels with a fuel sulfur content of up to 2.0% sulfur.

US Lube Star Marine 20 lubricant contains a balanced additive composition used in conjunction with highly refined base oils to produce a product which imparts useful performance characteristics such as high load carrying capacity, good detergency and dispersancy properties, excellent rust and corrosion protection for all engine parts and strong alkalinity reserve to neutralize acids formed from the combustion of distillate fuels.

US Lube Star Marine 20 is compatible with all medium-speed trunk-piston engine marine lubricants sold in the market and can be used for lubricating gear transmissions, turbo-chargers, oil lubricated stern tubes and other shipboard machinery.

APPLICATIONS / BENEFITS

- Good oxidation stability.
- Good load bearing capacity.
- Good water shedding properties.
- Rust and oxidation protection.
- Strong acid neutralizing properties.
- Compatible with other competitive lubricants.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS		
STAR MARINE		320	420	520
SAE Viscosity Grade	SAE J 300	30	40	50
Specific Gravity @ 15 ºC	ASTM D 4052	0.900	0.904	0.906
Flash Point, ºC	ASTM D 92	230	240	250
Pour Point , ºC	ASTM D 97	-9	-9	-9
Kinematic Viscosity @40ºC (cSt)	ASTM D 445	105	151	209
@100ºC (cSt)	ASTM D 445	11.6	14.9	18.4
Viscosity Index	ASTM D 2270	98	98	97
TBN, (mgKOH/g)	ASTM D 2896	20	20	20
Color	ASTM D 1500	4.5	4.5	4.5

Technical Data Sheet

Furnishing the information contained herein does not constitute a representation by US Lube that any product or process is free from patent infringement claims of any third party nor does it constitute the granting of a license under any patent of US Lube or any third party. US Lube assumes no liability for any infringement which might arise out of the product. The information and suggestions for use and application presented herein represent the best information available to us and believed to be reliable. They should not , however, be construed as controlling suggestions, and users are urged to conduct confirmatory test to determine final suitability for their specific end uses. US Lube warranty only that its products meet the specifications which it sets for them and specifically DISCLAIMS ALL OTHER WARRANTS relating to the products and the application thereof. EXPRESS or IMPLIED including but not limited to warranties of MERCHANTABLITY and FITNESS.