

# OIL KNIGHT

## HEAVY MARINE HIGH TBN MARINE OIL

- ◆ This series of products are synthetic lubricants, suitable for heavy-duty marine engine lubricants, imported Japanese FK high-quality alkaline detergent dispersant, British INFINEUM heavy-duty diesel additive, stable quality, outstanding performance, compared to the city The products sold have higher alkalinity values, which can effectively and quickly neutralize the acid substances generated by gas emissions, protect mechanical components and also protect the oil from contamination, and at the same time provide composite functional products that resist rust, abrasion, lubrication.

- ◆ Marine Oil Key Project Specifications :

- Lubricant ability
- Carbon deposition cleaning
- Anti-wear and corrosion
- Acid neutrality
- Sludge reduction



Oil Knight's special properties: high alkalinity, inhibition of sludge formation, high stability, TBN of this product is 25 mg KOH/g, which effectively neutralises the acidic substances produced by the combustion of marine oil due to fuel combustion and reduce corrosive wear.



# OIL KNIGHT MARINE OIL TECHNICAL DATA SHEET

## Marine Oil – Super Duty Marilube Oil

OIL KNIGHT- Marine oil products are high-quality, heavy-duty engine marine oils, it suitable for use in lubricating oils such as medium and large-scale marine engine with fixed sulphur content of about 1% boat engine used ordinary diesel oil, or land-based stationary diesel engines.

The product uses Japan's high-basic detergent dispersant, the effect is significant, better than the same level on the market, high performance products, oil quality and stability.

### Features/Superiority

- High-definition net dispersion can maintain the cleanliness of cylinders and pistons while protecting the bearings and various metal components from rust.
- Quickly suppress the carbon deposits of various components to extend engine life.
- It has high temperature thermal oxidation stability, anti-corrosion, anti-rust and anti-wear properties.
- Contains alkaline detergent and dispersant, which can neutralize high-emission acid substances used in marine engines, effectively prolong the service life of lubricants.

### Product Properties

Designation	Method	HB-30	HB-40	
Color	-	Brown	Brown	
Specific Gravity @15/4 °C	ASTM D1298	0.870	0.872	
Kinematic viscosity, cSt	40°C	ASTM D445	97.4	138.3
	100°C	ASTM D445	11.8	14.5
Viscosity Index	ASTM D2270	111	105	
Flash Point °C	ASTM D92	256	265	
Base number, mg KOH/g	ASTM D2896	25	25	
Pour Point °C	ASTM D97	-15	-12	
Copper corrosion(@100°C,3hr)	ASTM D130	1A	1A	
Package	-	200L	200L	

Above data for the current product of the typical value of each batch of product data may be within the scope of quality standards allowed to change.

### Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be exposed to hot sun or freezing conditions.

