



Research & Development

PRODUCT DATA SHEET

AXCL ULTRA MARINE DIESEL ENGINE OIL API CF SAE 50 TBN 70

PRODUCT DESCRIPTION

AXCL Ultra Marine Engine Oil TBN 70 exhibits a high level of detergency, dispersancy and alkalinity due to its high TBN and sulphated ash content of 8.0 %. It is formulated with high quality base oils in conjunction with the latest additive technology to deliver a high load carrying capacity, excellent oxidation and a high level of alkalinity retention. It is highly recommended to meet requirements of modern high output crosshead diesel engines burning bunker fuel oil. It's high TBN ensures that the large amounts of strong acids formed during combustion are dissipated efficiently.

APPLICATIONS

AXCL ULTRA MARINE Diesel Engine Oil TBN 70 are recommended for cylinder lubrication of crosshead marine and stationary diesel engines and meets the requirements of the major marine engine manufacturers

PERFORMANCE LEVEL

API CF

BENEFITS AND ADVANTAGES:

- Reduced engine wear rates
- Extends overhaul periods
- Resistance to acid and thermal degradation
- Reduces oil consumption

SPECIFICATION & TECHNICAL PARAMETER

S#	Tests	Method	Results
1.	SAE GRADE	-	50
2.	Appearance	Visual	B&C
3.	Color	D 1500	L 4.0
4.	Kin. Viscosity @ 100 °C	D 445	19.50
5.	Kin. Viscosity @ 40 °C	D 445	217
6.	Density @ 15 °C	D 1298	0.89
7.	Viscosity Index	D 2270	102
8.	Pour Point	D 97	≤-18
9.	Flash Point	D 92	≥ 230
10.	Foam Seq. I,II,III	D 892	Pass
11.	TBN	D 2896	70
12.	Sulfated Ash	D 874	8.0



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