



Research & Development

PRODUCT DATA SHEET

AXCL ULTRA MARINE DIESEL ENGINE OIL API CF SAE 40 (TBN40)

PRODUCT DESCRIPTION

AXCL ULTRA MARINE Diesel Engine Oil is a high quality diesel engine oil that meets and exceeds API level CF. Being a multifunctional crankcase lubricant it is suitable for medium speed diesel engines as well as marine propulsion and auxiliary engines. The high level of alkaline reserve and very high viscosity makes it particularly suitable for use with high sulfur fuels at appropriate oil drain intervals. Moreover it is capable of withstanding high oils stress and has been further enhanced for improved deposit and sludge control.

APPLICATION

- Medium speed diesel engines
- Marine propulsion and auxiliary engines operating on residual fuel
- Suitable for applications using fuel oil with sulfur content in excess of 3%.

PERFORMANCE LEVEL

- API CF

BENEFITS AND ADVANTAGES

- Improved engine cleanliness.
- Exceptional oxidation and thermal stability.
- High reserved alkalinity and TBN retention.
- Effective and rapid neutralization of acidic products.
- Improved engine reliability.
- Cuts on maintenance costs therefore economical.

SPECIFICATION & TECHNICAL PARAMETER

S#	Tests	Method	Results
1.	SAE GRADE	-	40
2.	Color	D 1500	L 3.5
3.	Kin. Viscosity @ 100 °C	D 445	15.10
4.	Kin. Viscosity @ 40 °C	D 445	150.5
5.	Density @ 15°C	D 1298	0.89
6.	Viscosity Index	D 2270	101
7.	Pour Point	D 97	≤-15
8.	Flash Point	D 92	≥240
9.	WATER CONTENT	CRACKLE	-VE
10.	TBN	D 2896	40
11.	Sulphated Ash % wt	D 874	4.60
12.	Foam Seq I, II, III	D 892	PASS

*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.

**All the information contained in this document is considered to be accurate as of the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy of the data and information in this publication. It is the user's obligations to evaluate and use the products safely and to comply with all applicable laws and regulations. For more information, please contact your sales representative.