



## Heavy Duty Marine Cylinder Oil - 24 TBN, 30 TBN, 40 TBN, 50 TBN

MCO Heavy Duty Marine Cylinder Oils are superior quality detergent lubricants blended specifically for use in the truck piston engines in a variety of services. They are available in various TBN Numbers to match the different types of fuels and sulfur content. They are available in Total Base Numbers of 24, 30, 40, 50, 70 and 100 in SAE 30, 40 & 50 viscosity grades.

### Main Benefits

- Excellent Engine cleanliness.
- Very high oxidation resistance.
- Very good Base Number retention.

### Applications

MCO Heavy Duty Marine Cylinder Oil be used in medium speed diesel engines burning residue fuels.

### Specifications

MCO Heavy Duty Cylinder Engine Oil meets the API service classification standards of API - CD, MAN ES (MAN B & W), Wartsila (WinGD) and JEC (UE Engines)

### Typical Physical Characteristics

	24 TBN			30 TBN			40 TBN			50 TBN		
Grades	324	424	524	330	430	530	340	440	540	350	450	550
SAE Viscosity Grades	30	40	50	30	40	50	30	40	50	30	40	50
Viscosity, cSt @ 40°C	108	150	220	107	155	224	108	155	224	108	155	224
Viscosity, cSt @ 100°C	12	15.2	19.2	12	15.5	19.5	12	15.5	19.5	12	15.5	19.5
Viscosity Index	100	102	98	107	102	99	100	102	99	100	102	99
Pour Point	-24	-21	-18	-24	-21	-18	-24	-21	-18	-24	-21	-18
Flash Point COC °C	226	236	244	226	236	246	226	236	246	226	236	246
TBN mg KOH/gm	24	24	24	30	30	30	40	40	40	50	50	50

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at [www.unitedgrease.com](http://www.unitedgrease.com). © United Grease and Lubricants Co LLC, 2022