

## Approval List for Lube Oil in Distillate Fuel Oil Operation (SAE 30)

Applicable for certain MAN ES medium speed four stroke engines. Refer to the engine manual to check whether your engine is qualified for SAE 30.

Company	BASE NUMBER (mgKOH/g) 10/12/13/15
<b>Castrol</b>	MLC 30 / MHP 153
<b>Chevon/Texaco/Caltex</b>	Taro 12 XP 30 / Taro 12 XP 30 (2) Taro 16 XP 30 / Taro 16 XP 30 (2)
<b>ExxonMobil</b>	Mobilgard ADL 30 / Delvac 1630
<b>Fuchs Petrolube</b>	Fuchs Titan MarWay 1030*
<b>Gulf Oil Marine</b>	GulfSea Power MDO 3012S / GulfSea Power MDO 3015S Gulfgen Supreme MDO 312S / Gulfgen Supreme MDO 315S
<b>Shell</b>	Gadina AL 30 / Gadina S3 / Gadina S4 Sirius X30
<b>Sinopec</b>	Marine TPEO 3012 / Marine TPEO 3015
<b>SK Lubricants</b>	Supermar 13TP30 / Supermar 15TP30
<b>Total Lubmarine</b>	Disola M 3015 / Disola M 3012 / Disola 3015 / Disola 3012 Caprano M 30 / Caprano 3015 / Caprano 3012
<b>Vibra Energia (Lubrax)</b>	Marbrax CCD 310 / Marbrax CCD 315

We do not assume any responsibility for difficulties that might be caused by these oils.

\* Sulfur content in fuel max. 1%