

## Approval List for Lube Oil in Alternating Natural Gas and Heavy Fuel Oil Operation (SAE 40)

Applicable for MAN-ES type medium-speed DF engines

Company	20 - 25	30	40
<b>AEGEAN</b>	Alfamar 420	Alfamar 430	Alfamar 440
<b>AVIN OIL S.A.</b>	AVIN ARGO S 20 SAE 40	AVIN ARGO S 30 SAE 40	AVIN ARGO S 40 SAE 40
<b>Bardahl</b>	Innocean Finax 4020	Innocean Finax 4030	Innocean Finax 4040
<b>CASTROL</b>	TLX Xtra 204	TLX Xtra 304	TLX Xtra 404
<b>CEPSA</b>	Troncoil 2540 Plus Larus 2040 Larus 2540	Troncoil 3040 Plus Larus 3040	Troncoil 4040 Plus Larus 4040
<b>Chevron (TEXACO, CALTEX)</b>	Taro 20DP40 Taro 20DP40X	Taro 30DP40 Taro 30DP40X	Taro 40XL40 Taro 40XL40X
<b>ENI</b>	Cladium 200S	Cladium 300S	Cladium 400S
<b>EXXONMOBIL</b>	Mobilgard M 420	Mobilgard M 430	Mobilgard M 440
<b>Gulf Oil Marine Ltd.</b>	GulfSea Power MDO 4020 GulfSea Power MDO 4020S Gulfgen Supreme 420	GulfSea Power 4030 GulfSea Power 4030S Gulfgen Supreme 430	GulfSea Power 4040 GulfSea Power 4040S Gulfgen Supreme 440
<b>LPC S.A.</b>	CYCLON POSEIDON HT 4020	CYCLON POSEIDON HT 4030	CYCLON POSEIDON HT 4040
<b>Motor Oil Hellas S.A.</b>	EMO ARGO S 20 SAE 40	EMO ARGO S 30 SAE 40	EMO ARGO S 40 SAE 40

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

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<b>Petronas</b>	Disrol 200	Disrol 300	Disrol 400
<b>PetroChina</b>	Kunlun DCB4020H	Kunlun DCB4030H	Kunlun DCB4040H
<b>PT Pertamina (PERSERO)</b>	Medripal 420	Medripal 430	Medripal 440
<b>Puma</b>	Marine Advanced TPEO 4020	Marine Advanced TPEO 4030	Marine Advanced TPEO 4040
<b>Raloy</b>	Marine TPEO 4020	Marine TPEO 4030	Marine TPEO 4040
<b>Repsol</b>	Innocean Finax 4020	Innocean Finax 4030	Innocean Finax 4040
<b>SHELL</b>	Argina S2 40	Argina S3 40	Argina S4 40
<b>Sinopec</b>	Sinopec TPEO 4020	Sinopec TPEO 4030	Sinopec TPEO 4040
<b>SK Lubricants</b>	SK Supermar 20TP40 SK Supermar 24TP40 SK Supermar 20XP40 SK Supermar 24XP40	SK Supermar 30TP40  SK Supermar 30XP40	SK Supermar 40TP40  SK Supermar 40XP40
<b>TOTAL LUBMARINE</b>	Aurelia TI 4020 Aurelia 4020	Aurelia TI 4030 Aurelia 4030	Aurelia TI 4040 Aurelia 4040
<b>Vibra Energia (Lubrax)</b>	Marbrax CCD 420 AP	Marbrax CCD 430 AP	Marbrax CCD 440 AP

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