

BELHERR® MDE SERIES

MEDIUM-SPEED TRUNK PISTON ENGINE LUBRICANTS



* DESCRIPTION

BELHERR® MDE oils provide premium quality and superior protection for marine and industrial diesel engines. These lubricants are also known as Trunk Piston Engine Oils (TPEO).

* BENEFITS / PROPERTIES

These lubricants are designed for use in highly efficient medium-speed trunk piston marine engines operating on residual fuel with a sulfur content of up to 4.9% by weight.

* APPLICATIONS

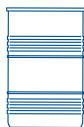
BELHERR® MDE Series oils are recommended for the lubrication of marine and industrial trunk piston diesel engines operating with fuels containing up to 4.9% sulfur by weight.

BELHERR® MDE SERIES								
Property	Test Method	BELHERR® MDE						
		MDE 2030	MDE 2040	MDE 3030	MDE 3040	MDE 4040	MDE 5040	MDE 5540
SAE Grade	SAE J 300	30	40	30	40	40	40	40
Specific Gravity @ 20/4°C	ASTM D 1298	0.886	0.888	0.890	0.891	0.893	0.898	0.901
Flash Point, °C (°F)	ASTM D 92	>230 (446)	>230 (446)	>230 (446)	>230 (446)	>230 (446)	>230 (446)	>230 (446)
Kinematic Viscosity @ 40°C (104°F), cSt	ASTM D 445	102	105	110	120	133	140	144
Kinematic Viscosity @ 100°C (212°F), cSt	ASTM D 445	11.6	14.6	12.1	15.1	13.6	16.1	17.2
Viscosity Index	ASTM D 2270	101	99	98	96	94	90	88
TBN, mg KOH/g	ASTM D 2896	20	20	30	30	40	50	55
Pour Point, °C (°F)	ASTM D 97	<-10 (14)	<-10 (14)	<-10 (14)	<-10 (14)	<-10 (14)	<-10 (14)	<-10 (14)

AVAILABLE IN



Pail: 19 L



Drum: 208 L



Tote: 1,040 L

