






ENERGA




Medium Speed Stationary Diesel Engine Oil

ENERGA is a high performance stationary diesel engine oil blended using highly refined paraffinic base stocks with an advanced complex detergent and dispersant additive system. This power generation oil is formulated to resist oxidation and maintain a high base number to provide long lubrication life by reducing the amount of oil sweetening that is required particularly in low emission engines.

Product Applications:

-  All types of modern medium-speed trunk piston stationary diesel engines operating on residual fuel
-  Low oil consumption trunk pistons for medium-speed industrial power generation or marine propulsion
-  Trunk piston engines burning residual fuel with more than 2% sulphur content
-  High oil stress engine condition that usually occurs in the modern stationary engine designs with high load factor operations
-  Large medium-speed trunk piston engines fitted with anti-polishing rings and/or flame rings

Performance Benefits:

-  Outstanding protection against wear in bearing and gear trains working on extreme pressure operating conditions
-  Superior performance in sludge control and oxidation protection
-  Keeps engine crankcases, valve decks, and piston crowns clean with its high level detergency

Performance Level:

-  **Meets:** API CF

TYPICAL SPECIFICATIONS:		
Test Parameters	Test Method	Results
Product Name		4040
SAE Viscosity Grade		40
Kinematic Viscosity @ 100°C, cSt	ASTM D7042	14.8
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	142
Viscosity Index	ASTM D2270	104
Density @ 15°C, kg/L	ASTM D4052	0.877
Flash Point, °C (min)	ASTM D3828	205
Pour Point, °C (max)	ASTM D97	-25
TBN, mg KOH/g sample	ASTM D4739	42
ASTM Color	ASTM D1500	L2.0

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CHEMICAL ALLOY CORPORATION