

# essenza powerful Super D



essenza

series



## PRODUCT DESCRIPTION

A line of monograde diesel engine oils for high output normally-aspirated engines and is suitable for use in indirect injected diesel engines, and other diesel engines which use a broad range of fuel types including those using fuel with higher sulphur content, for example, over 0.5% wt. It may also be used for certain transmission and hydraulic applications where engine oil is recommended.

## PROPERTIES AND PERFORMANCE

- Effective detergent-dispersant properties keeps pistons clean and promotes improved engine efficiency.
- High inherent viscosity index that helps to maintain the optimal lubricating film strength under a wide range of extreme conditions, while promoting the maximum performance of functional additives.
- Antiwear and Extreme Pressure (EP) properties that remains effective during the period of service which protect all heavily loaded surfaces against wear and scuffing, reducing the need of frequent maintenance.
- Good rust and corrosion protection
- Excellent oxidation stability that greatly prevents oil degradation in the presence of air and heat, while maintaining the optimum oil film strength for reliable protection.

## APPLICATIONS AND SPECIFICATIONS

- API CF/SF level
- ACEA E2
- MB 228.0
- MAN 270
- Deutz DQC I-02

## CHARACTERISTICS (TYPICAL FIGURES)

SAE Grade		10W	30	40	50
Viscosity at 100°C	mm <sup>2</sup> /s	6.1	11.4	14.3	18.6
Viscosity at 40°C	mm <sup>2</sup> /s	38	97.8	136	204
Viscosity at -25°C	mPa.s	6200	-	-	-
Viscosity Index	-	105	103	103	103
Flash Point COC	°C	>200	>200	>200	>200
Pour Point	°C	-30	-22	-18	-13
Mass density at 15°C	kg/l	0.876	0.888	0.893	0.897



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