

CRUISER HDA

Diesel engine oil

Description

CRUISER HDA is a high quality heavy duty lubricant for use in turbocharged diesel engines. The lubricant is specially formulated for high speed diesel engines commonly used in heavy equipment, transportation fleets and stationery machinery requiring a MIL-L-2104D standard lubricant.

Applications

CRUISER HDA is recommended for lubrication of both diesel engines and gasoline engines, supercharged or turbocharged, in vehicles, heavy equipment, stationary machinery, and marine applications.

Specification Meets:

CRUISER HDA 10W, 30, & 40 meet API service CF/SF and MIL-L-2104D standards.

Advantages

CRUISER HDA is formulated from high quality raw materials with a high viscosity index. It contains detergent dispersant, anti-oxidant, anti-corrosion, anti-wear, and anti-foaming additives to provide additional engine protection.

Typical Data of CRUISER HDA

Characteristics	Unit	CRUISER HDA			Test Method
		10W	30	40	
Color		Clear	Clear	Clear	ASTM D 1500
Density @ 15 °C	kg/L	0.8663	0.8882	0.8920	ASTM D 4052
Kinematic Viscosity @ 40 °C	cSt	41.21	109.33	152.40	ASTM D 445
Kinematic Viscosity @ 100 °C		6.88	11.99	14.98	
Viscosity Index		125	98	98	ASTM D 2270
Flash Point (COC)	°C	228	234	242	ASTM D 92
Pour Point	°C	-32	-15	-12	ASTM D 97
Total Base Number	mg KOH/g	10.33	10.62	10.50	ASTM D 2896

* the typical characteristic mentioned represent mean values