



Makina Grease & Lubricants Manufacturing L.L.C.

Super

Description

Makinalube Super is a high quality motor oil intended for use in non turbo-charged diesel engines. The base oils and additive system ensure excellent performance and protection in engines that are operating in light to moderate duty service.

Makinalube Super contains a balanced blend of anti-oxidants, detergent / dispersants, anti-wear, anti-corrosion and anti-foam additives to protect your engine even under high temperature conditions.

Application

Makinalube Super is designed for use in normally aspirated diesel engines working under light to moderate service conditions as well as some gasoline engines. It may also be used in LPG fuelled applications and for stationary equipment e.g. gasoline / diesel generators where an oil meeting its performance specifications is required.

Makinalube Super meets the requirements of API CD, and is available in a range of viscosity grades from SAE 10W through SAE 60

Typical Characteristics

PROPERTIES	UNITS	TEST METHOD	VALUE				
SAE Grade		DIN 51 511	10W	30	40	50	60
Density@ 15 °C	kg/m ³	ASTM D-4052	881	891	897	898	0.9
Viscosity@ - 25 °C	mPa.s	ASTM D-5293	5000	-----	-----	-----	-----
Viscosity@ 100 °C	mm ² /s	ASTM D-445	6.45	12.0	15.1	20.2	25
Viscosity Index		ASTM D-2270	114	104	101	99	106
Flash Point, COC	°C	ASTM D-92	240	234	238	248	250
Pour Point	°C	ASTM D-97	-27	-18	-12	-9	-12
Sulphated Ash	% wt.	ASTM D-874	0.70	0.70	0.70	0.70	0.7
Base Number	mg KOH/g	ASTM D-2896	5	5	5	5	5