



MEDITRAN S SAE 10W, 30, 40, 50

MEDITRAN S Series are heavy duty diesel oil, formulated from high viscosity index base oil and balanced additive system.

MEDITRAN S Series offer protection against wear and corrosion and effective deposit control.

MEDITRAN S Series are suitable for turbocharged, supercharged, or naturally aspirated high speed diesel engines for transportation, heavy equipment, industry or marine applications.

MEDITRAN S 10W and **MEDITRAN S 30** are recommended for transmission and hydraulic system of heavy duty machineries

MEDITRAN S Series adalah pelumas mesin diesel tugas berat, yang diformulasikan dari base oil yang mempunyai viscosity index tinggi dan aditif yang seimbang.

MEDITRAN S Series memberikan perlindungan terhadap keausan dan korosi serta efektif dalam mengontrol terbentuknya deposit.

MEDITRAN S Series dapat digunakan untuk pelumasan mesin diesel kendaraan, alat berat, industri maupun perkapalan putaran tinggi jenis turbocharged, supercharged, atau naturally aspirated.

MEDITRAN S 10W dan **MEDITRAN S 30** juga dianjurkan untuk sistem transmisi dan hidrolis pada mesin tugas berat.

TYPICAL CHARACTERISTICS					
Characteristics	Test Method	MEDITRAN S 10W	MEDITRAN S 30	MEDITRAN S 40	MEDITRAN S 50
SAE Viscosity Grade		10W	30	40	50
Density at 15 °C, kg/l	ASTM D - 4052	0.8832	0.8921	0.8953	0.9000
Kinematic Viscosity at 40 °C, cSt	ASTM D - 445	37.7	98.6	143.8	235.5
	ASTM D - 445	6.24	11.2	14.4	19.92
Viscosity Index	ASTM D - 2270	113	99	98	97
	ASTM D - 1500	L 4.5	L 5.0	L 5.0	L 5.5
Flash Point °C	ASTM D - 92	230	236	244	244
Pour Point, °C	ASTM D - 5950	-28	-12	-12	-9
Total Base Number, mg KOH/g	ASTM D - 2896	11.2	11.16	11.16	11.34

PERFORMANCE LEVELS

MEDITRAN S Series meet the specification of API CF/CF2, MB-Approval 228.0 (SAE 40) and MB-Approval 235.12, and Komatsu KES 07.851.2000 (SAE 40).

MEDITRAN S Series also meet the specification of ACEA E2-96, CAT TO-2, MIL-L-2104D and MIL-L-46152B.

MEDITRAN S 10W and **30** are meet Allison C4 specification.

TINGKATAN MUTU

MEDITRAN S Series memenuhi spesifikasi API CF/CF2, MB-Approval 228.0 (SAE 40) dan MB-Approval 235.12, dan Komatsu KES 07.851.2000 (SAE 40).

MEDITRAN S Series juga memenuhi spesifikasi ACEA E2-96, CAT TO-2, MIL-L-2104D dan MIL-L-46152B.

MEDITRAN S 10W dan **30** memenuhi spesifikasi Allison C4.