

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 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 application.

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 dengan viskositas indeks 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					
Characteristic	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	0,8912	0,8953	0,8989
Kinematic Viscosity, at 40 °C, cSt	ASTM D - 445	38,09	98,89	145,30	236,40
	ASTM D - 445	6,28	11,20	14,53	19,89
Viscosity Index	ASTM D - 2270	113	98	98	97
ASTM Colour	ASTM D - 1500	4.0	4.0	4.5	4.5
Flash Point, °C	ASTM D - 92	238	246	262	278
Pour Point, °C	ASTM D - 5950	-27	-9	-9	-9
Total Base Number, mg KOH/g	ASTM D - 2896	10	10	10	10

PERFORMANCE LEVEL

MEDITRAN S Series are API CF (approved for SAE 30, 40, 50)/CF2, ACEA E2-96, CAT TO-2, MTU Type 1, and MAN 270. For SAE 10W and SAE 30 viscosity grade also meet the Allison C4 specification. For SAE 40 and 50 also have MB Approval 228.0.

HEALTH AND SAFETY

Please contact our Industrial Marketing Head Office,
Phone: 62-21 3190 7190/5. Fax: 62-21 3148884/601
Website: www.pertaminalubricants.com or
Email: hsse.ptpl@pertamina.com
to get Material Safety Data Sheet as information for Health and Safety Protection at work.

TINGKATAN MUTU

MEDITRAN S Series memenuhi spesifikasi API CF/CF-2/SF, ACEA E2-96, CAT TO-2, MTU Type 1, MAN 270. Untuk SAE 10W dan SAE 30 juga memenuhi spesifikasi Allison C4. Untuk SAE 40 dan 50 Memiliki MB Approval 228.0

KESEHATAN & KESELAMATAN

Silahkan menghubungi Pemasaran Kantor Pusat
Telp. : 62-21 3190 7190/5. Fax : 62-21 3148884/601.
Website : www.pertaminalubricants.com atau
E-mail : hsse.ptpl@pertamina.com
untuk mendapatkan Material Safety Data Sheet sebagai informasi perlindungan Kesehatan & Keselamatan di tempat kerja.