



MEDITRAN S SAE 10W, 30, 40, 50

This high performance heavy duty lubricant oils are particularly designed for lubrication of diesel engine equipped with supercharger and turbocharger that using high speed diesel fuels. These lubricants are especially designed for high speed diesel mostly installed in the heavy duty equipment, commercial vehicles, and stationary diesel engines requiring lubricant with MIL-L2104D classification. They are formulated from high viscosity index base oils, contains high quality additives such as detergent-dispersant, anti-oxidant, anti-corrosion, anti-wear and anti-foam.

Pelumas jenis tugas berat yang bermutu tinggi terutama untuk pelumasan mesin diesel yang dilengkapi supercharger maupun turbocharger yang mempergunakan bahan bakar solar. Pelumas ini dikhususkan untuk pelumasan mesin diesel dengan putaran tinggi yang banyak dipergunakan untuk mesin alat-alat berat, armada angkutan di mesin stasioner yang menghendaki minyak pelumas dengan persyaratan MIL2104D. Pelumas ini diformulasikan dari bahan dasar yang mempunyai viscosity index tinggi, mengandung aditif detergent-dispersant tinggi, anti oksidasi, anti karat, anti aus dan anti busa.

TYPICAL CHARACTERISTICS				
	MEDITRAN S 10W	MEDITRAN S 30	MEDITRAN S 40	MEDITRAN S 50
No. SAE	10W	30	40	50
Specific density, 15°C	0.8797	0.8902	0.8932	0.9013
Viscosity kinematic, at 40°C, cSt	33.11	91.56	142.40	238.35
100°C, cSt	5.90	10.82	14.40	20.19
Viscosity index	123	102	99	98
Colour, ASTM	4.0	4.5	4.5	L 5.0
Flash point, COC, °C	213	226	253	273
Pour point, °C	-32	-18	-12	-9
Total Base Number, mg KOH/gr	10.30	10.30	10.30	10.30

PERFORMANCE LEVELS

MEDITRAN S exceeds the performance levels API Service Classification CF, CD, CF2/SF. Mercedes Benz sheet 227.0, MIL-L-2104D, MIL-L-46152B, ACEA E1-96. **MEDITRAN S 40** especially meets the requirement of Komatsu KES 07 801. Therefore they requires no further additives addition.

MEDITRAN S 10W and 30, in particular meet the Specifications of Allison C-4 dan Caterpillar TO-2.

APPLICATIONS

MEDITRAN S lubricating oils series are recommended for diesel engine, heavy duty machineries, stationary engines and high speed marine engines and gasoline engine that require API service SF oils.

KEMAMPUAN KERJA

MEDITRAN S memenuhi persyaratan API Service Classification CF, CD, CF2/SF Mercedes Benz sheet 227.0, MIL-L-2104D dan MIL-L-46152B, ACEA E.1-96. Khusus **MEDITRAN S 40** memenuhi persyaratan Komatsu KES 07.801. Oleh karena itu tidak perlu tambahan aditif.

MEDITRAN S 10W dan 30 secara khusus memenuhi spesifikasi Allison C-4 dan Caterpillar TO-2.

PENGGUNAAN

MEDITRAN S dianjurkan untuk pelumasan mesin diesel pada kendaraan, mesin alat-alat berat, mesin stasioner maupun mesin perkapalan yang mempunyai putaran tinggi serta mesin bensin yang mempersyaratkan pelumas API SF.