

AUTOLUBE MULTISERVICE ENGINE OIL

A HIGH QUALITY CRANKCASE OIL CONTAINING ZINC-DITHIOPHOSPHATE ANTI-WEAR ADDITIVE, DETERGENT DISPERSANT, OXIDATION INHIBITOR, DEFOAMENT AND POUR POINT DEPRESSANT.

APPLICATION (MIXED FLEET OIL)

■ FOR ALL NATURALLY ASPIRATED AND TURBOCHARGED DIESEL AND PETROL ENGINES

PERFORMANCE LEVEL (API CF4 / SF)

MEETS OR EXCEEDS:

- MIL-L-2104D
- CCMC D4
- SAE 30,40 MB 227.0 SAE 15W40 MB 227.1
- SAE 30 AND 15W40 ALLISON C-3 & C-4
- KOMATSU MICROCLUTCH TEST
- MACK EO-K/2
- CUMMINS DIESEL
- MAN 270 AND 271
- ADE SHEET 3 & 4
- CAT TO-2
- VDS

BENEFITS

➤ **SAVES ON FLEET MAINTENANCE COSTS:** THE DETERGENCY/DISPERSANCY LEVEL IS SPECIALLY BALANCED TO PROVIDE BOTH HIGH TEMPERATURE DEPOSIT CONTROL IN A WIDE RANGE OF TURBOCHARGED DIESEL ENGINES AND LOW TEMPERATURE SLUDGE CONTROL IN LIGHT-DUTY GASOLINE ENGINES.

TYPICAL PHYSICAL CHARACTERISTICS	SAE 30	SAE 40	SAE 15W40	SAE 20W50
DENSITY @ 20°C KG/L	0.892	0.895	0.885	0.886
VISCOSITY cST @ 40°C	95	145	116	185
VISCOSITY cST @ 100°C	9.3 - 12.5	12.5 - 16.3	13.5 - 15.5	16.5 - 21
VISCOSITY INDEX	106	98	127	130
POUR POINT °C (MAX)	-18	-15	-21	-26
FLASH POINT °C (MIN)	240	258	238	220
TBN mg KOH / g	10.6	10.6	10.4	10.4
SULFATED ASH, m%	1.3	1.3	1.3	1.3
ZINC, m%	0.097	0.097	0.11	0.11
CALCIUM, m%	0.369	0.369	0.21	0.21
PHOSPHORUS, m%	0.08	0.08	0.1	0.1

RE:2001/11/01