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INDUSTRIAL & AUTOMOTIVE LUBES
Reg. No: IT902/96
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BIG ENOUGH TO SERVICE
SMALL ENOUGH TO CARE

DESCRIPTION **FLEETLINE ENGINE OILS SF/CF4**
30/40/50 15w40

A high quality Crankcase oil containing zinc-dithiophosphate anti-wear additive, detergent dispersant, oxidation inhibitor, defoamant and pour point depressant.

APPLICATION (MIXED FLEET OIL)

- For all naturally aspirated and turbocharged diesel and petrol engines

PERFORMANCE LEVEL (API SF/CF)

- | | | |
|---------------------|---|--------------------------|
| • MIL -L-2104C | • | • MTU |
| • CCMC G4 / PD2 /D4 | • | • CUMMINS NTC |
| • ALLISON C3 | • | • MB 227.0 |
| • NISSAN LD-28 VTW | • | • MAN 271 |
| • VOLVO VDS | • | • JAMA CD PLUS |
| • MACK EO-K/2 | • | • DETROIT DIESEL 7SE-270 |
| • CAT TO-2 | | |

BENEFITS

Saves on fleet maintenance cost: The Detergency/dispersancy level is specially balanced to provide high temperature deposit control in a wide range of turbo-charged diesel engines and low temperature sludge control in light-duty gasoline engines.

TYPICAL PHYSICAL CHARACTERISTICS	SAE 30	SAE 40	SAE 50	SAE 15w40
Density @20°C KG/L	0.892	0.896	0.897	0.885
Viscosity Cst @ 40°C	92	134	220	110
Viscosity Cst @100°C	11	14.2	19	14.5
Viscosity Index	105	104	99	130
Pour Point °C (Max)	-18	-15	-12	-25
Flash Point °C (Min)	240	258	260	238
TBN mg KOH/g	10.4	10.4	10.6	10.4
Sulfated, m %	1.3	1.3	1.3	1.3
Zinc, m%	0.11	0.11	0.097	0.1
Calcium, m%	0.21	0.21	0.369	0.3
Phosphorus, m%	0.1	0.1	0.08	0.12