



# eni i-Sigma top 4AM

**i-Sigma top 4AM** is a premium, heavy-duty engine oil formulated to safeguard diesel engine applications including modern Exhaust Gas Recirculation and Diesel Particulate Filter equipped engines operating on Ultra-Low Sulphur Diesel fuel (15 ppm) and older on/off highway equipment running on Low Sulphur Diesel fuel (500 ppm).

**i-Sigma top 4AM** features long- lasting TBN protection and a unique soot dispersant chemistry to control wear and corrosion prevent piston deposits, control viscosity increase and maintain low temperature pumpability.

**i-Sigma top 4AM** excels in a wide range of heavy duty applications and operating environments found in the trucking, mining, construction and agricultural industries.

TYPICAL CHARACTERISTICS	METHOD		SAE 15W-40
Viscosity @ 40 °C	D-445	cSt	120
Viscosity @ 100 °C	D-445	cSt	15.7
Viscosity Index	D-2270		138
CCS Viscosity	D-5293	cP @ -20°C	6300
Pour Point	D-97	°C	-39
HTHS	D-4683	cP @ 150°C	4.2
Specific Gravity @ 15.6 °C	D-4052		0.877
MRV	D-4684	cP @ -25°C	23,100
TBN	D-2896	mg KOH/g	10
NOACK	D-5800	Mass % loss	9.9

### OFFICIALLY LICENSED OEM APPROVALS

- Mack EO-O Premium Plus
- Cummins CES 20081
- Detroit Diesel Power Guard 93K218
- Volvo VDS-4
- Renault RLD-3

### MEETS OR EXCEEDS REQUIREMENTS OF

- API CJ-4, CI-4 Plus, CI-4, CH-4/SM
- Caterpillar ECF-2,ECF-3,ECF-1A
- ACEA E9-08,E7-08
- MAN M3275
- Mercedes Benz p228.31
- MTU Type I and II
- Global DHD-2

Due to continual research and development, the information contained herein is subject to change without notice. Always follow manufacturers' recommendations for lubricant performance, viscosity grade and oil change interval as these may vary depending on ambient temperature, fuel composition, model year and environment of operation.