

## VALMAX ENGINE CR-4 15W-40

### New Technology Diesel Engine Oil

#### Description

A mid-SAPS (Sulphated Ash, Phosphorous and Sulphur) heavy duty diesel engine oil that has been developed for use in engines fitted with particulate filters and SCR NOx reduction systems. Can be used in Interim Tier 4 / Stage 3B or Final Tier 4 / Stage 4 units operating in very severe conditions, including temperatures down to -20°C\*.

It provides excellent protection against engine wear and deposit accumulation. High levels of cleanliness and soot handling contribute to a longer engine life and reduced maintenance costs. Lower fuel consumption and exhaust emissions means less harm to the environment.

\*Please seek technical advice for operating temperatures below -20°C.

#### Performance Levels

Valmax Engine CR-4 15W-40 meets or exceeds the following specifications and performance levels:

API CJ -4 / SM	DDC PGOS 93 IT 218
ACEA E9	EMA DHD -1
CAT ECF-3	Mercedes Benz 228.31
Cummins CES 20081	Volvo VDS-4
MAN M3275	Renault VI RDL-3 Compliance
Mack EO-O Premium Plus	

#### Physical Characteristics

Density @ 15°C	0.875
Kinematic Viscosity at 100°C, cSt.	14.4
Kinematic Viscosity at 40°C, cSt.	96
Viscosity Index	155
Flash Point (closed) °C	180
Sulphated Ash %Wt.	1.0
TBN	7.06
Pour Point, °C	-35

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

#### Part numbers:

VACC3572	1000 IBC
VACC3571	205ltr
VACC3580	25ltr