

# PRODUCT DATA SHEET

## ENDURO DIESEL ENGINE OIL (CI-4/SL)

### Product Description

Today's technology trend of diesel engine leans towards a more environmentally conscious products with less gas emission and longer overhaul period. Coming along with these development, new devices like the Exhaust Gas Recirculation (EGR) rely much more on the performance of the engine oil being used. Chosen Enduro Diesel Engine Oil, uses only the hydro- treated base oil to maximize the protection under severe operating conditions.

Chosen Enduro Diesel Engine Oil is blended from hydro-treated base stocks and a high technology core additive package, Chosen Enduro Diesel Engine Oil is truly a universal heavy duty diesel oil meeting the stringent European ACEA standard as well as American API performance. This means Chosen Enduro Diesel Engine Oil is simply the top player for both the modern North American engines and the toptier West European engines.

### Applications / Benefits:

- Minimises oil consumption
- Meets most diesel engine OEM oil demands
- Outstanding oxidation stability
- Suitable for the modern diesel engine equipped with EGR

### Typical Characteristics

Test Description	Method	15W40	15W50	20W50
SAE Viscosity Grade	SAE J 300			
Specific Gravity @ 15 °C	ASTM D 4052	0.879	0.881	0.883
Flash Point, °C	ASTM D 92	230	232	238
Pour Point , °C	ASTM D 97	-27	-27	-21
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	113.8	146.5	177.7
cSt @ 100°C	ASTM D 445	15.1	18.5	19.2
Viscosity Index	ASTM D 2270	138	142	124
TBN, mgKOH/g	ASTM D 2896	11.0	11.0	11.0
Color	ASTM D 1500	≤ 4.0	≤ 4.0	≤ 4.0

### Specifications, Approvals & Recommendations

- API CI4/SL
- ACEA E7-16
- Caterpillar ECF-1a
- Caterpillar ECF-2
- Cummins 20077
- Cummins 20078
- Detroit Diesel DDC 93K215
- Deutz DQC II
- Deutz DQC III
- GLOBAL DHD-1
- JASO DH-1
- Mack EO-M Plus
- Mack EO-N
- MAN M3275
- Mercedes-Benz 228.3
- MTU Type 2
- Renault Truck RLD-2
- VOLVO VDS 3