



Diesel Engine Oil

ENVIROLUBE

HD ULTRA 15W-40

Application

EnviroLube HD Ultra 15W-40 is superior oil, designed for use in severe service where extended drain intervals are desirable. It is recommended for all US heavy duty diesel engines and many of the latest European and Japanese engines.

EnviroLube HD Ultra provides exceptional soot handling, oil consumption and bore polish control as well as minimising engine wear and enables drain intervals to be extended up to 25% beyond those attainable with CI-4 lubricants in US Heavy Duty Diesel Engines.

It is also suitable for the latest European Engines (Euro 3 and Euro 4). However, for extended drain in these engines, a lubricant meeting ACEA E4 is often recommended. For technical assistance on engine makes not shown or mixed fleet operations, contact the Technical Helpline 1300 723 190.

Features

EnviroLube HD Ultra is formulated with highly refined base oils which provide exceptional oxidation stability. Combined with the latest additive technology, EnviroLube Ultra provides superior engine durability through better soot control, better wear protection, fewer valve/cylinder deposits and less oil consumption than API CI-4 lubricants, such as EnviroLube HD Diesel 15W-40. This extra protection permits extended drain and reduced maintenance costs.

Benefits

- ✓ Minimises fleet operating costs – extended drain
- ✓ Minimises fleet maintenance costs – improved engine durability
- ✓ Manufactured in an ISO 9002 certified facility
- ✓ Longer drain intervals - reduced environmental impact.

| Intended for heavy duty diesel engines |



HD ULTRA 15W-40

Safety

Your safety is important to EnviroOil. This material is classified as non-hazardous according to Worksafe Australia. However, it is recommended that the handling instructions in the Material Safety Data Sheet be followed to avoid risk of injury or irritation from exposure.

Specifications

EnviroLube HD Ultra 15W-40 is recommended where the following performance levels are specified

Diesel : API CI-4 Plus
 ACEA E7
 Global DHD-1

Manufacturers : Mack EO-N Premium Plus 03 DDC Power Guard (93K214)
 Caterpillar ECF-1 Cummins 20078
 MAN M3275 Volvo VDS-3
 Mercedes Benz 228.3

Typical Characteristics

Characteristic	Method	Units	Typical Value	Benefit
Viscosity Grade	SAE		15W-40	Formulated with highly refined base oils which provide exceptional stability and product life
Density @ 15.6C	IP160	g/cm ³	0.88	
Viscosity at 100°C	ASTM D445	cSt	15	
Viscosity at 40°C	ASTM D445	cSt	110	
Viscosity Index	ASTM D2270		140	
CCS Viscosity @ -20C	ASTM D5293	cP	5,100	
Phosphorus, ICP or XRF	ICP	%wt	0.13	High level of anti-wear additive
Sulphated Ash	ASTM D84	%wt	1.37	Mid-ash level for application in mixed fleets
Calcium	ICP	%wt	0.34	Detergency/Dispersion for protection against acidic corrosion, soot related thickening, deposit formation and bore polishing
TBN	ASTM D2896	mgKOH/g	12	

Values provided are typical and do not constitute a specification