



Diesel Engine Oil

ENVIROLUBE

HD-J 15W-40

Application

EnviroLube HD-J is a high performance, high detergent oil designed specifically to meet the requirements of modern Japanese engines. EnviroLube HD-J maximises engine cleanliness and minimises bore polishing, glazing and reduces ring wear. It is suitable for normally aspirated and turbocharged diesel engines in modern Japanese medium and heavy duty trucks.

Features

EnviroLube is fortified with double refined base oils to provide superior thermal stability in high power rated applications, on or off road.

It offers the highest levels of protection from wear, bore polish, combustion deposits, bearing corrosion and oil consumption in modern Japanese and older European engines.

Benefits

- ✓ High Ash formulation for bore polish and oil consumption control in Japanese engines
- ✓ Double refined base oil technology for extended product life, maximising your investment and allowing long drain intervals in accordance with engine manufacturers recommendations
- ✓ High thermal stability for severe duty turbo-charged and conventional engines.
- ✓ Alkaline reserve to protect against acid attack from high-sulphur distillate fuels
- ✓ Protection from piston ring & liner wear and deposits
- ✓ Manufactured in an ISO 9002 certified facility to ensure strict quality control and best practice production methods
- ✓ Double refined base oils conserve vital petroleum resources

| Intended for heavy duty diesel engines |



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

Diesel : Jaso DH-1, API CF, ACEA E2
Petrol :
Manufacturers : Mercedes Benz MB228.1

Typical Characteristics

Characteristic	Method	Units	Typical Value	Benefit
Viscosity Grade	SAE		15W-40	Provides a wide range of operating viscosity for protection in all climates. Shear stable product means viscosity is maintained for life of lubricant.
Density @ 15.6C	IP160	g/cm ³	0.891	
Viscosity at 100°C	ASTM D445	cSt	15	
Viscosity at 40°C	ASTM D445	cSt	113	
Viscosity Index	ASTM D2270		138	Cold start performance 30% better than SAE recommended level
CCS Viscosity @ -20C	ASTM D5293	cP	5,600	
Phosphorus, ICP or XRF	ICP	%wt	0.12	High level of anti-wear additive
Sulphated Ash	ASTM D84	%wt	1.55	High ash for bore polish protection in Japanese engines
Calcium	ICP	%wt	0.39	Detergency for protection against acidic corrosion, deposit formation and bore polishing
TBN	ASTM D2896	mgKOH/g	13.5	

Values provided are typical and do not constitute a specification