



Diesel Engine Oils

hyrax® ENDURO PLUS



Excellent protection
against corrosive
and soot induced
wear



Excellent engine cleanliness
to optimized engine power
output



Excellent thermal and
oxidation stability



Provide outstanding
protection to exhaust
system

Description

Hyrax Enduro Plus is an ultimate performance environmentally friendly multigrade diesel engine oil specially engineered for used in latest high-output, low-emission engines including those fitted with exhaust after treatment devices such as Diesel Particulate Filter (DPF), Selective Catalyst Regeneration (SCR), Diesel Oxidation Catalyst (DOC) and Exhaust Gas Recirculation (EGR) technology in compliance to the US EPA 2007 and Euro VI emission level.

Hyrax Enduro Plus is formulated with unconventional base fluids and advanced low-ash additive system, and it permits excellent control over soot induced wear, excellent high temperature piston deposit control, enhanced overall engine wear protection, outstanding engine cleanliness as well as providing excellent cylinder bore polishing protection especially for extended drain interval services.

Applications

Hyrax Enduro Plus is highly recommended for used in high performance heavy-duty diesel engines especially the latest low-emission engine fitted with DPF, SCR, DOC and EGR technology, both on-highway and off-highway burning on high or ultra-low sulphur diesel such as off-road trucks, construction equipment, agricultural equipment and power generators. It is also highly recommended for pick-up trucks, four wheel drives (4WD) and sport utility vehicles (SUVs) application.

Benefits

- Excellent protection against corrosive and soot-induced wears in severe diesel service
- Excellent detergent and dispersant properties for cleaner engine and optimized engine power output
- Excellent thermal and oxidation stability to minimize low-temperature sludge and fuel generated soot build-up as well as high temperature deposits
- Excellent engine performance with extended oil drain capability especially for engines running on ultra-low sulphur diesel fuel
- Advanced low-ash additive system provide outstanding protection to exhaust after treatment devices such as DPF and DOC

Typical Characteristics

Properties	Method	SAE 15W-40
Density at 15°C, Kg/L	ASTM D4052	0.887
Flash Point, °C	ASTM D92	>210
Pour Point, °C	ASTM D97	-30
Viscosity at 40°C, cSt	ASTM D445	120.8
Viscosity at 100°C, cSt	ASTM D445	15.2
Viscosity Index	ASTM D2270	131
Total Base Number, mgKOH/g	ASTM D2896	9.5

Performance

- | | | | | |
|-----------------|-----------------|---------------|---------------------|-----------------------------|
| ● API CJ-4 / SM | ● Renault RLD-3 | ● Volvo VDS-4 | ● Cummins CES 20081 | ● Mercedes-Benz MB p228.31 |
| ● ACEA E7 / E9 | ● MAN 3275 | ● Cat ECF-3 | ● MTU Type 2.1 | ● Detroit Diesel DDC 93K218 |