repsol lubricants

Motor Oil

DXR ECO

Description

Repsol DXR ECO is a top tier performance diesel engine oil that helps extend engine life and provides long drain capability for modern diesel engines operating in extreme conditions. It is recommended for naturally aspirated and turbocharged, diesel-powered engines. This product can be used in a wide range of heavy-duty applications and operating environments found on- and off-highway, including engines operating under heavy loads. DXR ECO meets and exceeds the requirements of API CK-4, CJ-4, CI-4 PLUS, CI-4, and CH-4 standards. The unique formulation can be used in engines with exhaust gas recirculation (EGR), after treatment systems with diesel particulate filters (DPFs) and diesel oxidation catalysts (DOCs).

Properties

·High efficiency TBN reservoir is compatible with all the after-treatment devices from the latest engine specifications.
·Its lower viscosity, multi-grade property enhances cold start performance in a wide range of temperatures; and its high shear stability keeps the viscosity stable, ensuring proper lubrication.
·Its carefully selected formulation helps to protect the engines from corrosion.
·DXR ECO has an outstanding antioxidant capability. This increases the drain oil interval and minimizes sludge and oxidation deposits in the engine.

Quality levels, approvals and recommendations

- ACEA E9
- API CK-4

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			10W-30	15W-40
Density at 15 ºC	g/cm3	ASTM D4052	0.858	0.87
Kinematic viscosity at 100 ºC	cSt	ASTM D445	11.2	14.8
Base oil viscosity at 40 ºC	cSt	ASTM D445	85	111.5
CCS Viscosity at -20 ºC	cP	ASTM D5293		7000 max
CCS Viscosity at -25 ºC	cP	ASTM D5293	7000 max	
Viscosity index	-	ASTM D2270	135	137
Flash point, open cup	ºC	ASTM D92	220	220 min
Pour point	ºC	ASTM D97	-30	-27
Noack volatility, 1h at 250 ºC	% in weight	CEC L-40-93	11.5	12 max
Shearing Inj.Bosch: Vis 100 ºC (30 cy)	cSt	CEC L-14-93	9.3	12.5 min
Sulphated ashes, % wt	%	ASTM D 4951	‹1	‹1
TBN	mg KOH/g	ASTM D2896	9.7	9.7

The above mentioned characteristics are typical values and should not be considered product specifications.