# **FASTRON DIESEL SAE 15W-40**

FASTRON DIESEL SAE 15W-40 is a synthetic premium quality diesel engine oil.

TYPICAL CHARACTERISTICS		
Characteristic	Test Method	FASTRON DIESEL
SAE Viscosity Grade	-	15W-40
Density at 15 °C, kg/l	ASTM D - 4052	0.8698
Kinematic Viscosity, at 40 °C, cSt	ASTM D - 7279	102.2
at 100 °C, cSt	ASTM D - 7279	14.48
Vicosity Index	ASTM D - 2270	146
ASTM Colour	ASTM D - 1500	L 4.0
Flash Point, °C	ASTM D - 92	232
Pour Point, °C	ASTM D - 5950	-24
Total Base Number, mgKOH/g	ASTM D - 2896	11

#### PERFORMANCE LEVEL

FASTRON DIESEL SAE 15W-40 meets below performance levels :

- API CI-4/SL
- ACEA E7, A3/B4
- MB-Sheet 228.3
- MAN 3275/271
- Volvo VDS-3
- MACK EO-M Plus
- Cummins CES 20078
- CAT ECF-2

### **SUPERIORITIES**

- Stable viscosity that gives optimum acceleration & engine protection during start up and high temperature operation.
- High durability against oxidation & high temperature that prolongs oil lifetime.
- Low oil volatility that gives low oil consumption and assures optimum lubrication.
- Prevents corrosion, piston deposit formation and maintain engine cleanliness that prolongs engine life time.
- Very good soot control ability and acid neutralization, that are required where Exhaust Gas Recirculation (EGR) is used.

#### **APPLICATION**

**FASTRON DIESEL 15W-40** is recommended for latest high speed diesel vehicle with or without EGR technology. Also suitable for engine with direct injection.

## **HEALTH AND SAFETY**

Please contact our Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection at work.

Phone: 62-21 3190 7190/5. Fax: 62-21 3148884/601

Website: www.pertaminalubricants.com or email: hsse.ptpl@pertamina.com

