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POWER UP

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Certificate No. 601224

Power Up Heavy Duty CF4 series

Product Description:

Power Up Heavy Duty CF4 is state of the art technology formulation specially designed to meet the requirements of Euro 2 and Euro 3 compliant heavy-duty diesel engines. Its higher viscosity index helps to provide better protection during start up as oil is able to reach all parts at shortest time possible. It provides high durability of protection and oil-life which offers additional benefits to operators of vehicles fitted with exhaust particulate filters. Higher base number of the products neutralizes acidic materials created during fuel combustion resulting in better protection from corrosion & reduction in sludge formation.

Applications / Benefits:

1. New formulation for improved protection for Euro 2 and Euro 3 engine
2. Suitable choice for long-haul and mixed vehicle fleets
3. Improved oil life, wear protection and soot-dispersancy
4. Reduces contamination by soot, which causes wear & oil thickening
5. High TBN reduces acid formation, corrosion and sludge which causes components corrosion & wear
6. Reduces combustion acids from the use of exhaust gas recirculation which results in corrosion & short oil life
7. Superior anti-foam performance important for engine oil use as hydraulic fluid in the fuel injection engine.
8. Need lesser oil to protect engine for engine with smaller oil sumps (for the purpose of reducing weight)
9. Usually used as general usage

Typical Characteristics:

Test Description	Method			
SAE Viscosity Grade	SAE J 300	**15W40**	**15W50**	**20W50**
Specific Gravity @ 15 °C	ASTM D 4052	0.879	0.881	0.883
Flash Point, °C	ASTM D 92	230	232	238
Pour Point , °C	ASTM D 97	-33	-33	-30
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	113.8	146.5	177.7
cSt @ 100°C	ASTM D 445	15.1	18.5	19.2
Viscosity Index	ASTM D 2270	138	142	124
TBN, mgKOH/g	ASTM D 2896	10	10	10
Color	ASTM D 1500	≤ 3.0	≤ 3.0	≤ 3.0

API CF4/CF2/CF
• ACEA E1-96#2
• ACEA E2-96#5