

PROBLEM	CAUSE	GASOLINE TREATMENT	GASOLINE INJECTOR CLEANER / SYSTEM PURGE	STARTING FLUID SPRAY	TOTAL ENGINE CONDITIONER	EGR CLEANER & INTAKE CLEANER	DRY FUEL	OCTANE BOOSTER	DIESEL TREATMENT	DIESEL INJECTOR CLEANER / SYSTEM PURGE	STARTING FLUID SPRAY	TOTAL ENGINE CONDITIONER	DPF CLEANING KIT	DPF REGENERATION AID	EGR CLEANER & INTAKE CLEANER	DIESEL DETOX PRO	DRY FUEL	DIESEL ANTI BACTERIA	DIESEL ANTI GEL / ANTI FREEZE	RADIATOR SEALER & CONDITIONER	RADIATOR CLEANER	ENGINE FLUSH	OIL STOP LEAK	MOTOR OIL TREATMENT + MOS2	MOTOR OIL TREATMENT + PTFE	CERAMIC ENGINE PROTECTOR	HYDRAULIC VALVE LIFTER TREATMENT
Poor cold starting	Water contamination in fuel tank			☑			☑				☑																
	Carbon build-up on injectors / poor spray pattern	☑	☑	☑	☑	•			☑	☑	☑	☑			•	☑											
	Deposit build-up in combustion chamber	☑	☑	☑	☑	•			☑	☑	☑	☑			•	☑											
	Dirty fuel system and / or carburetor	☑	☑	☑	☑	•			☑	☑	☑	☑			•	☑											
	Diesel crystallization															☑		☑									
Heavy fuel consumption	Carbon build-up on injectors / poor spray pattern	•	☑		☑	•			•	☑		☑			•	☑											
	Deposit build-up in combustion chamber	☑	☑		☑	•			☑	☑		☑			•	☑											
	Dirty fuel system and / or carburetor	•	☑		☑				•	☑		☑			•												
	Contaminated air intake / restricted airflow	•	•		☑	☑			•	•		☑			☑	•											
	Contaminated / non-functioning EGR System	•	•		☑	☑			•	•		☑			☑	•											
Poor acceleration / Performance	Carbon build-up on injectors / poor spray pattern	•	☑		☑	•			•	☑		☑			•	☑											
	Fuel octane rating (RON) below requirement	☑							•	•		☑															
	Dirty fuel system and / or carburetor	•	☑		☑				•	•		☑				☑											
	Contaminated air intake / restricted airflow	•	•		☑	☑			•	•		☑			☑												
Stalling / Hesitation / Flat Spots	Carbon build-up on injectors / poor spray pattern	•	☑		☑	•			•	☑		☑			•	☑											
	Deposit build-up in combustion chamber	☑	☑		☑	•			☑	☑		☑			•	☑											
	Dirty fuel system and / or carburetor	•	☑		☑	•			•	•		☑			•	☑											
	Contaminated air intake / restricted airflow	•	•		☑	☑			•	•		☑			☑												
Rotten egg smell	Incomplete fuel combustion	☑	•	•	•				☑	•	•				•	☑											
	Fuel octane rating (RON) below requirement	•	•	•			☑																				
Pinking & Pre-Ignition	Deposit build-up in combustion chamber	☑	☑		☑	•			☑	☑		☑			•	☑											
	Low sulphur diesel								☑	☑					☑												
Prevent premature wear of diesel fuel pump	Low sulphur diesel								☑	☑					☑												
Diesel knock / Cabin noise	Carbon build-up								☑	☑		•			•	☑											
Coolant leaks	Small holes in cooling system / prevention of																				☑						
Inefficient cooling / heating	Contaminant build-up in cooling system																					☑					
	Insufficient heat transfer via cooling liquid																				☑	☑					
High exhaust emissions	Incomplete fuel combustion, incorrect air/fuel ratio	☑	☑		☑	☑			☑	☑		☑			☑	☑											
Blue smoke at start-up	Oil seeping past inlet valves, degradation of valve stem oil seals																						☑				
	Worn engine components																						☑	☑	☑	☑	
Blue smoke when accelerating or changing gear	Oil seeping past piston rings & burning in combustion chamber	☑			☑				☑			☑			☑							☑		☑	•	•	
White smoke	Water contamination of fuel system						☑									☑											
Black smoke (Diesel)	Diesel mixture too rich								☑	☑		☑			☑	☑											
	High soot particle emissions								☑	☑		☑			☑	☑											
Black smoke (Petrol)	Carbon build-up in injectors / poor spray pattern	•	☑		☑	•																					
	Deposit build-up in combustion chamber	☑	•		☑	•																					
Blue / black smoke	Oil burning in combustion chamber / by-passing piston rings	☑	☑		☑	•			☑	☑		☑			•	☑							☑			☑	
	Oil seeping past inlet valves, degradation of valve stem oil seals																						☑				
Excessive oil consumption	Oil burning in combustion chamber / by-passing piston rings	☑	☑		☑	•			☑	☑		☑			•	☑							☑		☑	☑	☑
	Oil seeping past inlet valves, degradation of valve stem oil seals																						☑				
Engine oil leaks	Degraded rubber or neoprene seals in the oil system																						☑				
Low compression / Oil pressure	Sludge and carbon deposit build-up on piston rings	☑	☑		☑				☑	☑		☑			☑	☑							☑				
	Engine wear																								☑	☑	☑
Black sludgy oil on dipstick	Sludge and carbon deposit build-up in oil system	☑	☑		•	•			☑	☑		•			•	☑							☑				
	New oil contaminates quickly				☑	☑						☑			☑								☑				
Tappet noise / Sticking hydr valve lifters	Lacquer build-up in tappets / valve lifters / lash adjusters																						☑				☑
Top end engine rattle	Engine wear																						☑	☑	☑	☑	☑
DPF warning light on	High soot loading in filter, regeneration required												☑	☑		☑											
Clogged DPF	High soot loading in filter, no regeneration possible												☑	☑		☑											
Clogged diesel fuel filter	Crystallised diesel or bacteria contaminated diesel								☑	☑						☑		☑	☑								

☑ Problem solver

☒ Problem prevention

