TROUBLESHOOTING	/4	neine	add so	to sin	se dile su	dise	diesin	e dil c	y ag hi	sor en	arnag	TECHNICS REMEDY
POSSIBLE CAUSE												REMEDY
irty air filter												Clean or replace filter
estricted crankcase breather												Clean or replace breather filter
ir filter missing, leaking or loose connection to turbo												Replace or repair as required
estricted or collpased air inlet pipe												Inspect pipe for Damage, Replace or repair
estricted or damaged boost pipes												Inspect pipe for Damage, Replace or repair
oreign object between air filter and turbo												Inspect air inlet pipe for obstruction
oreign object in exhaust system												Check exhaust system
urbo flanges, clamp or loose bolts												Check gaskets / check fittings are tight
racked inlet manifold or loose gaskets												Check manifold and gaskets for damage
racked exhaust manifiold or blown gasket												Check manifold and gaskets for damage
estricted exhaust system												Check exhaust system inc DPF and CAT
ow oil supply on start up / priming												Check oil pick up pipe, oil feed and air filter
suffcient lubrication												Check oil pick up pipe, oil feed and air filter
ibricating oil contaminated												Replace all filters and oil
correct oil used												Replace with correct oil
stricted oil feed pipe												Inspect oil feed line
stricted oil return pipe												Inspect oil return pipe
rbine housing damaged or restricted												Send turbo for repair or replace
bo seals leakage												Check oil feed and return are suitable bore
orn journal bearings												Send turbo for repair or replace
essive carbn build up behind shaft wheel												Send turbo for repair or replace
essive carbn build up on compressor housing												Check engine breather filter and pipes
o fast acceleration on initial start up												Reduce acceleration on start up
ufficient warm up time												Allow sufficient warm up time
el pump failure												Check and repair or replace
orn or Damaged injectors												Inspect injectors and repair or replace
gine timing												check and adjust
gine piston rings worn												Check and repair or replace
maged pistons												Check and repair or replace
nk from oil feed pipe												Check feed pipe for damage or blockage
gine oil leveltoo high												Check and repair or replace
cessive engine idle												Check and repair or replace
cessive build up in bearing housing												Send turbo for repair or replace
I pump failure												Check and repair or replace
l filter blocked												Check and repair or replace
ost control fault: Wastegate												Check for damage, leaking pipes or obstructions
ost control fault: Wastegate												Send turbo for repair or replace
												·
ost control fault: ECU												Check and repair or replace