Engine oil diluted with diesel fuel

Topic number	LI18.00-N-054809
Version	1
Design group	18.00 General
Date	10-11-2012
Validity	Model 906 with engine OM642, OM646 and OM651 in combination with diesel particulate filter
Reason for change	Extended to include OM651
Reason for block	

Complaint:

Engine oil level above max. Oil level indicator lamp comes on.

The following points can be ruled out:

- No engine oil was refilled.
- No relevant fault entry in engine control unit.
- No mechanical defect on engine.

Cause:

Fuel enters the engine oil because diesel particulate filter (DPF) regeneration is aborted several times - engine is switched off by driver or regeneration is aborted by engine control system due to insufficient temperature in the exhaust system.

Note:

Certain operating conditions (e.g. frequent short distance driving, large amounts of idling) favor repeated DPF regeneration aborts

Remedy:

If possible, limit short distance driving and/or frequent idling. Drive at highway speeds for at least 20 minutes at around every 300 miles to support DPF regeneration.

If this problem occurs, change oil and perform manual DPF regeneration.

Inform customer accordingly about the technical circumstances.

Symptoms
Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling indicator lamp / Engine oil level indicator lamp / lit
Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling display message / Oil sensor message

Validity		
Vehicle	Engine	Transmission

Model	Engine	
906.111	651	*
906.113	651	*
906.131	651	*
906.132	651	*
906.133	651	*
906.134	651	*
906.135	651	*
906.136	651	*
906.153	651	*
906.155	651	*
906.211	651	*
906.213	651	*
906.231	651	*
906.233	651	*
906.234	651	*
906.235	651	*
906.236	651	*
906.253	651	*
906.255	651	*
906.611	651	*
906.613	651	*
906.631	651	*
906.633	651	*
906.635	651	*
906.637	651	*
906.653	651	*
906.655	651	*
906.657	651	*
906.713	651	*
906.731	651	*
906.733	651	*
906.735	651	*
Sprinter III	646	*
Sprinter III	642	*