



Sample No. P1904337-001      Report Date: 14/05/2019      Unit ID      391  
Description      ENGINE  
Make      MERCEDES  
Model      S350D  
Job Ref.      391

**SATISFACTORY\*\*\*\*\*SATISFACTORY\*\*\*\*\*SATISFACTORY**

**SYMPTOMS:** Analysis results are within our recommended limits. Viscosity matches grade  
**DIAGNOSIS:** Unit satisfactory. Lubricant fit for further service. TBN indicates relatively new oil  
**ACTION:** Continue sampling at scheduled interval.

Date Sampled      03/05/2019  
Date Received      14/05/2019  
Date Tested      14/05/2019  
Unit Life  
Oil Life (hrs)

**STATUS**

**PHYSICAL PROPERTIES**

Viscosity @ 40°C	cSt	69.5
Water Content	%wt	0.0
Total Base No	mgKOH/g	5.3
Total InsolubleMatter	%	0.2
Fuel Dilution	>135c	0

**SPECTROCHEMICAL ANALYSIS**

Iron	ppm	50
Chromium	ppm	1
Aluminium	ppm	4
Molybdenum	ppm	131
Copper	ppm	3
Lead	ppm	0
Tin	ppm	0
Nickel	ppm	0
Silicon	ppm	16
Sodium	ppm	1
Boron	ppm	141
Vanadium	ppm	0
Calcium	ppm	1815
Phosphorus	ppm	664
Zinc	ppm	755
Magnesium	ppm	17
Barium	ppm	0