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Diagnosis 24/07/2018

ООО "НПТК "СУПРОТЕК"

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194044 Санкт-Петербург
РОССИЯ

EQUIPMENT

Registration Number **01062386/AMOT**

Equipment Description **Toyota Cruiser 200**

Component Description **Engine**

Fleet number

Ref ID

References

SAMPLE

Sample **07993940**

Sampling Date **29/06/2018**

Reception Date **24/07/2018**

Lubricant **SUPROTEC ATOMIUM 5W40**

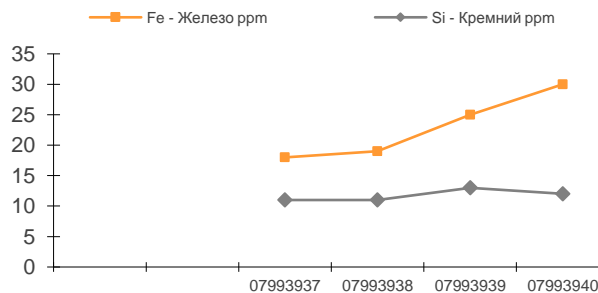
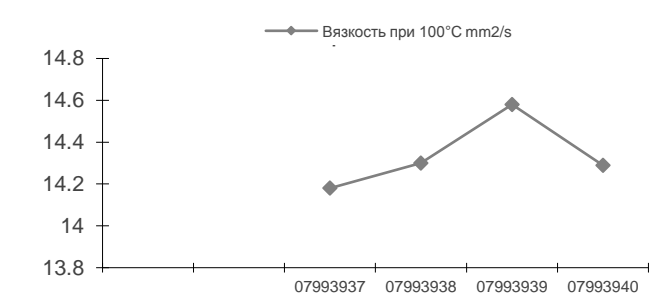
Test Suite **V40R+V10R+VI+MEAD+TBN+SULA+SPRU**

Order ref.

Результаты анализа показывают удовлетворительные уровни загрязнения и износа. Полученные результаты являются удовлетворительными.

Evolution

Sample	07993937	07993938	07993939	07993940
Sampling date	11/05/2018	01/06/2018	15/06/2018	29/06/2018



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RESULTS

Order	1	2	3	4
Sample	07993937	07993938	07993939	07993940
Sampling/Oil change	Sampling	Sampling	Sampling	Sampling
Sampling date	11/05/2018	01/06/2018	15/06/2018	29/06/2018
Analysis date	24/07/2018	24/07/2018	24/07/2018	24/07/2018
Diagnosis date	24/07/2018	24/07/2018	24/07/2018	24/07/2018
Equipment life (км)	-	-	-	-
Oil life (км)	1700	3800	5500	7500
Top up (L)	0,2	0,2	0,2	0,2

Вязкость при 40°C ASTM D445

Вязкость при 40°C cSt	81.45	81.52	81.66	81.85
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Вязкость при 100°C ASTM D445

Вязкость при 100°C cSt	14.18	14.30	14.58	14.29
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Индекс вязкости ASTM D2270

Индекс вязкости	181	183	187	182
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Механические примеси ГОСТ 6370

Механические примеси %m	<0.005	<0.005	<0.005	<0.005
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Общ. щелочное число ASTM D2896

Общее основное число мгКОН	6.5	6.5	6.1	6.2
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Сульфатная зола ASTM D874

Сульфатная зола %m	0.860	0.840	0.850	0.850
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Спектрометрия ASTM D5185

Алюминий ppm	4	5	5	5
Барий ppm	0	1	1	0
Бор ppm	10	13	10	10
Кальций ppm	1940	1830	1850	1870
Хром ppm	0	0	0	0
Медь ppm	0	1	1	0
Железо ppm	18	19	25	30
Свинец ppm	0	0	0	0
Магний ppm	0	0	0	0
Марганец ppm	0	0	0	0
Молибден ppm	0	1	0	0
Никель ppm	0	0	0	0
Калий ppm	9	10	10	10
Фосфор ppm	711	704	710	718
Натрий ppm	6	7	6	6
Кремний ppm	11	11	13	12
Серебро ppm	0	0	0	0
Олово ppm	0	0	0	0
Титан ppm	0	0	0	0
Ванадий ppm	0	0	0	0
Цинк ppm	796	791	794	806