

DIESEL / FUEL ANALYSIS

Date Report Generated : 2021/02/26
Sample Date : 2021/02/23

SANS 342:2016 REQUIREMENTS				
TEST	RESULT	REQUIREMENTS	PASS/FAIL	COMMENTS
Viscosity @ 40°C	2.7 cSt	2.0 - 5.3 cSt	PASS	Viscosity meets requirements
Density	0.834 g/ml	0.800 g/ml min	PASS	Density is acceptable
Flashpoint	70 °C	55°C min	PASS	Flashpoint meets requirements
Water Content	< 0.035 %	0.035 % max	PASS	Water content is acceptable

CLEANLINESS COUNT ISO 4406:1999										
ISO4	ISO6	ISO14	>4µm	>5µm	>6µm	>14µm	>15µm	>25µm	>50µm	>75µm
21	19	18	17337	10287	3447	2480	2108	485	141	45

Visual Inspection
Clear.

Comments:

Particle count is comparatively high for this diesel. Consider improving fuel cleanliness.

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Viscosity @ 40°C	2.7 cSt	2.0 - 5.3 cSt	PASS	Viscosity meets requirements
Density	0.834 g/ml	0.800 g/ml min	PASS	Density is acceptable
Flashpoint	75 °C	55°C min	PASS	Flashpoint meets requirements
Water Content	< 0.035 %	0.035 % max	PASS	Water content is acceptable

CLEANLINESS COUNT ISO 4406:1999										
ISO4	ISO6	ISO14	>4µm	>5µm	>6µm	>14µm	>15µm	>25µm	>50µm	>75µm
20	18	14	7049	4113	2007	98	79	12	2	1

Visual Inspection
Clear and bright.

Comments: