

<b>Request Date</b>	4/1/2024	<b>Job ID</b>	REQ-20240104-1130	<b>Report NO.</b>	
<b>CENTER</b>	Kuwait Institute for Scientific Research-Petroleum Research Center				
<b>LABORATORY</b>	Petroleum Charact. Lab	<b>LOCATION ID</b>	Ahmadi, Old Building - S28	<b>PROJECT CODE</b>	Petroleum Equipment Technology Co. (PETCO)
<b>SUBMITTED DATE</b>	4/1/2024	<b>Report Date</b>	16/1/2024	<b>Project Leader</b>	Vinod Rajan

ANALYSIS ID	CUSTOMER SAMPLE-ID	PARAMETERS / TESTS REQUESTED	UNITS	Results	Analysis Standard
5788	Demulsifier, Pre-qualification, 4 jan 2024	Appearance	Clear/Not Clear	Free of sediments	ASTM E2680 - 16
5796	Demulsifier, Pre-qualification, 4 jan 2024	Color (Visual )	NA	Transparent	Visual Description
5795	Demulsifier, Pre-qualification, 4 jan 2024	Density, Specific Gravity(SG) and API Gravity @20C	g/cm3	Dens= 0.93479	ASTM D 4052, D 5002
5791	Demulsifier, Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 25°C	cP, mPas	15.365	ASTM D445
5792	Demulsifier, Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 40°C	cP, mPas	9.995	ASTM D 445
5790	Demulsifier, Pre-qualification, 4 jan 2024	Pour Point	°C	-70	ASTM D97
5794	Demulsifier, Pre-qualification, 4 jan 2024	Solubility in Toluene	PASS/FAIL	Pass/ Soluble	Visual
5793	Demulsifier, Pre-qualification, 4 jan 2024	Solubility in Water	PASS/FAIL	Fail/ Insoluble	ASTM D1722

**PREPARED BY**

**NAME** Rashed Bouresli  
**DESIGNATION** Services Focal Point  
**SIGNATURE**   
**DATE** 16/1/2024



**AUTHORIZED BY**

**NAME** Shibu Jose, Michael Fernandes  
**DESIGNATION** Lab Supervisor  
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ANALYSIS ID	CUSTOMER SAMPLE-ID	PARAMETERS / TESTS REQUESTED	UNITS	Results	Analysis Standard
5884	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Appearance	Clear/Not Clear	Free of sediments	ASTM E2680 - 16
5894	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Color (Visual )	NA	Amber	Visual Description
5887	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Density, Specific Gravity(SG) and API Gravity @20C	g/cm3	1.13530	ASTM D 4052, D 5002
5789	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 25°C	cP, mPas	14.519	ASTM D445
5888	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 40°C	cP, mPas	10.348	ASTM D 445
5886	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Pour Point	°C	-7.5	ASTM D97
5889	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Solubility in Toluene	PASS/FAIL	Fail/ Insoluble	Visual
5890	Fast Acting Demulsifier, Pre-qualification, 4 jan 2024	Solubility in Water	PASS/FAIL	Pass/ Soluble	ASTM D1722

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ANALYSIS ID	CUSTOMER SAMPLE-ID	PARAMETERS / TESTS REQUESTED	UNITS	Results	Analysis Standard
5885	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Appearance	Clear/Not Clear	Free of sediments	ASTM E2680 - 16
5892	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Color (Visual )	NA	Amber	Visual Description
5891	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Density, Specific Gravity(SG) and API Gravity @20C	g/cm3	1.13524	ASTM D 4052, D 5002
5893	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 25°C	cP, mPas	14.582	ASTM D445
5895	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Dynamic Viscosity @ 40°C	cP, mPas	10.108	ASTM D 445
5896	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Pour Point	°C	-7.4	ASTM D97
5897	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Solubility in Toluene	PASS/FAIL	Fail/ Insoluble	Visual
5898	Reverse Demulsifier , Pre-qualification, 4 jan 2024	Solubility in Water	PASS/FAIL	Pass/ Soluble	ASTM D1722

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