VC Chem & Services (UK) - Complete Product Portfolio

Company Profile

VC Chem & Services (UK) provides a complete range of oilfield chemicals with a focus on quality, safety, and performance. Our product line includes corrosion inhibitors, scale inhibitors, demulsifiers, biocides, wellbore cleanout agents, drilling fluid additives, completion & bulk chemicals, and lost circulation materials (LCM). We are ISO 9001 and ISO 14001 certified, REACH and CEFAS compliant, and provide MSDS, TDS, and COA documentation with every shipment. Our logistics are ADR-certified, ensuring safe and reliable delivery worldwide.

Completion & Bulk Chemicals

VC-BULK800: NaCl - Food-grade powder salt for brine systems.

VC-BULK810: CaCl2 - 94-97% purity for brine preparation.

VC-BULK820: KCI - 96-98% purity for drilling and completion fluids.

VC-BULK830: NaBr - 1.50 SG brine solution for completion operations.

VC-BULK840: Bentonite - API 13A treated bentonite for WBM.

VC-BULK850: Barite - API grade 4.20 SG for drilling mud weighting.

Lost Circulation Materials (LCM)

VC-LCM900: Cellulose Fiber Fine - for seepage loss control.

VC-LCM910: Cellulose Fiber Medium - for moderate loss zones.

VC-LCM920: Cellulose Fiber Coarse - bridging severe loss formations.

VC-LCM930: Mica Fine - plate-like structure for loss control.

VC-LCM940: Mica Medium - versatile lost circulation material.

VC-LCM950: Mica Coarse - sealing large fractures.

VC-LCM960: Nut Plug Fine - for fluid loss control in drilling.

VC-LCM970: Nut Plug Medium - bridging agent.

VC-LCM980: Nut Plug Coarse - plugging large voids.

VC-LCM990: Calcium Carbonate - 40 mesh, general loss control.

VC-LCM991: Calcium Carbonate - 80 mesh.

VC-LCM992: Calcium Carbonate - 200 mesh.

VC-LCM993: Graphite Fine - high temp seepage control.

VC-LCM994: Graphite Medium - plugging with high lubricity.

VC-LCM995: Graphite Coarse - heavy duty loss control.

VC Chem and Services (UK)

Oilfield Chemical Solutions - Product Specification Sheet

Product Range Overview

Category	VC Series Name	Function & Applications		
Paraffin & Wax Inhibitors	VCFLUX™	Dissolves, disperses, and prevents buildup in flowlines and wellbores. Enhances flow assurance and reduces downtime.		
Wellbore Cleanout Agents	VCSOLVE™	Effectively removes paraffinic, waxy, and scale-based deposits before or during production. Prepares the well for optimal performance.		
Corrosion Inhibitors	VCCOR™	Protects tubing, pipelines, and downhole equipment against CO ₂ , H ₂ S, and oxygen-induced corrosion. Ideal for sweet and sour systems.		
Demulsifiers & Emulsion Breakers	VCDEMUL™	Breaks oil-water emulsions to optimize separation, increase crude quality, and enhance water clarity in separators.		
H ₂ S Scavengers	VCSCAV™	Neutralizes hydrogen sulfide in produced fluids and gas streams. Available in triazine-based and non-triazine alternatives.		
Oxygen Scavengers	VCOX™	Removes dissolved oxygen from production and injection water to prevent pitting and microbial growth.		
Scale Inhibitors & Removers	VCSCALE™	Controls calcium, barium, strontium, and iron sulfate scales. Includes thermally stable and biodegradable options.		
Biocides & Microbial Control	VCBIOCIDE™	Kills SRB, APB, and other bacteria in water injection systems, pipelines, and tanks. Non-oxidizing and oxidizing types available.		
Drilling Fluid Additives	VCFLUID™	A full suite of additives for WBM and OBM systems including viscosifiers, lubricants, shale inhibitors, and LCMs.		

Category	VC Series Name	Function & Applications	
Enhanced Oil Recovery (EOR)	VCMEOR™	Surfactant- and microbial-based systems to improve residual oil recovery in depleted formations.	

X Key Features of All VC Product Lines

- Formulated in the UK under ISO:9001 and ISO:14001
- UK-REACH and CEFAS compliance for international use
- On-site technical support and product performance validation
- Safe, biodegradable, and non-bioaccumulative options available
- Backed by years of R&D and real-world application success

Would you like me to now continue this with:

- Individual technical data summaries for each category?
- A service & support section?
- Or keep it concise for tender use?

VC Chem and Services (UK)

Oilfield Chemical Solutions - Product Specification Sheet

Product Range Overview with Technical Summaries

1. VCFLUX™ – Paraffin & Wax Inhibitors

Function: Dissolves, disperses, and prevents paraffin/wax buildup in tubing, flowlines, and surface equipment.

Chemistry: Solvent-based or water-dispersible blends with crystal modifiers.

Applications:

- Downhole continuous injection
- Periodic batch treatments

Pipeline pigging aid

Effectiveness: Reduces hot oiling frequency, increases BOPD, and enhances interface clarity.

2. VCSOLVE™ - Wellbore Cleanout Agents

Function: Disperses organic and inorganic deposits including wax, asphaltenes, and carbonate scales.

Chemistry: Surfactant-solvent systems, acid blends (for scale)

Applications:

- Pre-production flushing
- Post-workover cleaning
- Coil tubing or bullhead operations
 Effectiveness: Restores flow, prepares clean perforation zones, and minimizes mechanical intervention.

3. VCCOR™ - Corrosion Inhibitors

Function: Prevents internal corrosion caused by acidic gases and water chemistry. **Chemistry:** Film-forming amine-based inhibitors, imidazoline blends, and phosphate esters. **Applications:**

- Continuous injection in production and water injection systems
- Batch treatment for storage tanks
 Effectiveness: Long-term asset protection and integrity preservation.

4. VCDEMUL™ - Emulsion Breakers

Function: Separates stable oil-water emulsions in crude oil processing.

Chemistry: Resin-ester, EO/PO block co-polymers

Applications:

- Separators and treater vessels
- Tank bottom dewatering

Effectiveness: Improves crude dehydration and export quality.

5. VCSCAV™ – H₂S Scavengers

Function: Binds and neutralizes hydrogen sulfide gas in produced fluids and vapour phase.

Chemistry: MEA-triazine, glyoxal, non-triazine blends

Applications:

- Production facilities
- Sour gas lines
- Storage tanks

Effectiveness: Fast acting, cost-effective H₂S control with low residuals.

6. VCOX™ - Oxygen Scavengers

Function: Eliminates dissolved oxygen to prevent microbial growth and corrosion.

Chemistry: Sodium bisulfite, DEHA, erythorbate-based formulations

Applications:

Injection water treatment

Closed-loop systems

Effectiveness: Maintains oxygen below 20 ppb; effective at high temperature.

7. VCSCALE™ - Scale Inhibitors & Removers

Function: Prevents and dissolves mineral scale in production and injection systems.

Chemistry: Phosphonates (HEDP, DTPMP), polymer-based formulations

Applications:

Downhole squeeze or continuous injection

Scale removal by acid blends

Effectiveness: Proven control of CaCO₃, BaSO₄, SrSO₄, and Fe scales.

8. VCBIOCIDE™ - Biocides & Microbial Control

Function: Controls bacterial growth including sulfate-reducing bacteria (SRB).

Chemistry: Glutaraldehyde, THPS, DBNPA, Isothiazolinone

Applications:

Water injection lines

Storage tanks

Hydraulic fracturing water
 Effectiveness: Broad-spectrum kill rate, low resistance build-up, safe dosing protocols.

9. VCFLUID™ - Drilling Fluid Additives

Function: Provides stability, lubrication, fluid loss control, and borehole support.

Chemistry: Bentonite, PAC, CMC, LCM (walnut shells, mica), emulsifiers

Applications:

WBM and OBM systems

Loss circulation zones

Effectiveness: Enhanced ROP, borehole stability, reduced torque and drag.

10. VCMEOR™ - Enhanced Oil Recovery (EOR)

Function: Improves residual oil recovery via microbial or chemical methods.

Chemistry: Surfactants, polymer slugs, nutrient-based microbes

Applications:

Mature/depleted fields

Secondary/tertiary recovery
 Effectiveness: Increases sweep efficiency, reduces interfacial tension, mobilizes trapped oil.

Technical Services & Field Support

VC Chem and Services provides full-cycle support with every chemical application:

- On-site bottle testing and crude profiling
- Lab validation using actual field fluids
- Tailored formulation design for local conditions
- Field trial supervision and dose optimization
- Routine site audits and performance reviews
- SDS, TDS, and MSDS documentation provided
- All products manufactured under ISO 9001 & 14001 compliance

- Contact VC Chem and Services (UK)
- PHead Office: Aberdeen, Scotland

Product Code	Function	Paraffin	Wax	Asphaltene	Hybrid
VC-C32-01	Paraffin Dispersant				
VC-C32-02	Paraffin Dispersant				
VC-C35-01 to VC- C35-05	Pour Point Depressants		~		
VC-C54-01	Wax Inhibitor		/		
VC-C45-01 to VC- C45-02	Wax Modifiers		~		
VC-C46-01 to VC- C46-02	Well Cleaners – General		~		
VC-C47-01 to VC- C47-02	Paraffin Deposit Removers				
VC-C48-01 to VC- C48-02	Asphaltene Deposit Removers				
VC-C50-01 to VC- C50-04	Well Wash Series		~		Specialised
VC-C51-01	Wax Dispersant & Inhibitor	~	~		
VC-OD-WB	One Drum Treatment (Water- Based)		~		
VC-OD-EB	One Drum Treatment (Emulsion- Breaker)		~		

Case Study 1 – VC-C32-01 Well Performance Enhancer

Client: UK Onshore Oil Producer

Challenge: Well hanging up every 30 days due to wax buildup.

Treatment: VC-C32-01 applied down annulus, recirculated for 24 hrs.

Result:

5–7% sustained production increase

Hot oiling eliminated (replaced by quarterly VCFLUX injection)