

VCS PRODUCTS

VCS Component

VCS 5cSt	Ester
VCS 033	Antiwear Additive and Rust Inhibitor
VCS 115	Corrosion Inhibitor and Emulsifier
VCS 840	Extreme Pressure Additive
VCS 998	Pour Point Depressant
VCS 999	Pour Point Depressant
VCS 6400	Calcium sulfonate TBN Booster
VCS T-900R	Tackifier

Tractor Additive

VCS 4910	Economy Tractor Additive
VCS 4911	Economy+ Tractor Additive
VCS 40100	Premium Tractor Additive

Hydraulic Additive

VCS 10498	Turbine – R&O Hydraulic
VCS 10001	Premium Hydraulic
VCS 10004	Premium Antiwear Hydraulic
VCS 10010	Premium Hydraulic
VCS 10030	Premium Hydraulic (Vegetable oil/ester stocks/FR Fluids)
VCS 10050	Ashless Antiwear Package for Industrial Hydraulic and Compressor Oils

PCMO/HDEO Additive

VCS 2001	Cascade PCMO/HDEO SN/CI-4
VCS 20010	PCMO SP/GF6
VCS 20020	PCMO SP/GF6 – DEXOS
VCS 20110	Euro ACEA '16 A3/B4, VW 501.01/505.00
VCS 20120	Euro ACEA '16 C2/C3, VW 504.00/507.00
VCS 20130	Euro ACEA '16 A3/B4/E7, VW 505.00, MA-1/MA-2
VCS 20140	Euro ACEA '16 C2/C3, A5/B5, VW 502.00/505.01
VCS 30010	HDEO CK4

Dispersant Succinimides (PIBSI)

VCS 210	High Nitrogen PIBSI
VCS 230	High Nitrogen PIBSI
VCS 310	High MW PIBSI
VCS 330	High MW PIBSI
VCS 410	Boronated

Gear Additive

VCS 801	MT-1/LS Booster
VCS 80010	Gear Additive – GL5
VCS 80020	Gear Additive – GL5/MT-1/LS

Grease Additive

VCS 8900	Grease Additive – EP & AW
VCS 8910	Grease Additive – Ashless EP

NGEO Additive

VCS 90010	Premium NGENO Low Ash
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TO-4 Additive

VCS 90020	TO4 Additive
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Viscosity Modifier Improver

VCS 5016-L	Liquid 16 SSI VI
VCS 5024-L	Liquid 24 SSI VI
VCS 5035-L	Liquid 35 SSI VI
VCS 2114-L	Liquid 50 SSI VI
VCS 50016-B	Pellets 16 SSI
VCS 50024-B	Block 24 SSI
VCS 50035-B	Block 35 SSI

Succinimides Anhydrides

VCS 110	Polyisobutylene (SA)
VCS 130	Polyisobutylene (SA)
VCS 150	Polyisobutylene (SA)
VCS HDSA	Alkenyl (SA)
VCS ODSA	Alkenyl (SA)

PAO

PAO 2
PAO 4
PAO 6
PAO 8
PAO 10
PAO 40
PAO 100

Group II

100 SN
120 SN
135 SN
150 SN
220 SN
600 SN

White Oils

WO70
WO300
GTL 3
GTL 4
GTL 8
GTL G 80 - Aerosols
GTL G 85 - Drilling Fluids
Synthetic Base Stock 502



VCS PRODUCTS

Aminic Antioxidants

	Chemical Name
VCS BODPA	Butylated octylated diphenylamine
VCS DND	Di-nonylated diphenylamine
VCS NA 06	Octylated phenyl alpha naphthylamine
VCS NA A	C12 alkylated phenyl alpha naphthylamine
VCS ADA	Alphamethylstyrenated diphenylamine
VCS OCD	Octylated diphenylamine
VCS SDPA	Styrenated diphenylamine

Phenolic Antioxidants

VCS PA 135	2,6-diterbutyl phenol derivative
VCS PA 15 S	2,6-diterbutyl phenol derivative
VCS BHT	Butylated hydroxy toluene

Ashless Dithiocarbamates

VCS 44 MBC	Methylene bis dibutyl dithiocarbamate
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Zinc Dialkyl Dithiophosphates (ZDDPs)

VCS Z 101	Primary (C4/C8)
VCS Z 102	Primary (C8)
VCS Z 104	Primary (C4/C5)
VCS Z 201	Secondary (C6)
VCS Z 202	Secondary (C3/C6)
VCS Z 121	Mixed (C3/C4/C8)
VCS Z 101R	Primary (C4/B4)
VCS 8033	Primary/Secondary Zinc diallyl dithiophosphate
VCS 8088	Primary Zinc diallyl dithiophosphate

Molybdenum Additives

VCS 85 M	Molybdenum ester amide
VCS LA	Liquid dithiophosphate
VCS 525 S	Liquid dithiocarbamate
VCS MDBC	Solid dithiocarbamate
VCS 3000 D	Molybdenum dithiocarbamate

Extreme Pressure Additives

VCS G456	Sulfurized isobutylene
VCS DM 89	Bis-DMTD

Corrosion Inhibitors

VCS CI 3000	Sodium alkylbenzene sulfonate
VCS CI 3001	Calcium alkylbenzene sulfonate
VCS CI 3002	Barium alkylbenzene sulfonate
VCS CI 3003	Calcium alkylbenzene sulfonate

Metal Deactivators

VCS TT 33	Tolytriazole derivative
VCS DM 113	C9 – DMTD derivative
VCS DM 86	C8 – DMTD derivative
VCS DM 110	C12 – DMTD derivative
VCS TT 30	Triazole derivative

Dispersants

VCS D 2100	PIB dispersant
VCS D 2103	PIB dispersant
VCS D 2107	PIB dispersant

Detergents

VCS CS 400	Overbased calcium alkylbenzene sulfonate
VCS CS 300	Overbased calcium alkylbenzene sulfonate
VCS MS 400	Overbased magnesium alkylbenzene sulfonate

