

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
AAMA	American Automobile Manufacturers Association. (v.h. MVMA).	
ABOT	Aluminum Beaker Oxidation Test	
ABS	Anti Blokkeer Systeem	
AC	Autorités Compétentes	
AC	Article category	
ACEA	European Automobile Manufacturers Association	
AC-EM	Autorités Compétentes des Etats Membres	
ACERT	Advanced Combustion Emission Reduction Technology	
ACC	Adaptive Cruise Control	
ACS	American Chemical Society	
AFNOR	Association Francaise de Normalisation (F)	
AFTP	Association Francaise des Techniciens du Pétrole.	
AGMA	American Gear Manufacturers Association	
AHEM	Association of Hydraulic Equipment Manufacturers (UK).	
AMT	Automated Manual Transmission	
ANSI	American National Standard Institute. (US).	
API	American Petroleum Institute	USA
APV	All Purpose Vehicle.	
ASLE	American Society of Lubrication Engineers. (nu STLE).	
ASME	American Society of Mechanical Engineers. (US).	
ASTM	American Society for Testing and Materials	USA
AT	Automatic Transmission	
ATC	Additive Technical Committee	Europe
ATC	Technical Association of the European Lubricants Industry	
ATF	Automatic Transmission Fluid	
ATIEL	Association Technique de l'Industrie Européenne des Lubrifiants	
ATIEL	Additives Technical Committee of Petroleum Additive Manufacturers in Europe	
AW	Anti-wear.	
BHRA	British Hydromechanics Research Association.	USA
BIA	Boating Industry Association. (nu; NMMA).	
BICERI	British Internal Combustion Engine Research Institute	
BIN	Belgisch Instituut voor Normalisatie. (B).	
BNP	Bureau de Normalisation des Pétroles.	
BOFT	Borderline Oil Film Thickness	
BPL	Bonnes Pratiques de Laboratoire	
BPT	Borderline Pumping Temperature.	
BS	British Standards.	
BSI	British Standards Institute.	
BTC	British Technical Council of the Motor and Petroleum Industries. (CEC).	
C-4	Allison Transmission Specification	
CAFÉ	Corporate Average Fuel Economy. (US fuel economy standard).	
CARB	California Air Resources Board. (stelt in Californië emissie eisen vast).	
CAS	CAS (Chemical Abstracts Service) is a Division of the American Chemical Society	
CATOR	Catalana De Tractament D'olis Residuals	
CBI	Confidential business information	
CCMC	Comité. D. Construct. Europ. d'Automobile du Marché Comm. (nu; ACEA).	
CCS	Cold Cranking Simulator	Global
CEC	Co-ordinating European Council	
CEFIC	European Chemicals Manufacturers' Association	
CEN	Conseil Européen de Normalisation. (Europ. Comm. voor Standaardisatie).	
CETIM	Centre Technique des Industries Mécaniques (F).	
CETOP	European Committee of Pneumatic-Oil Transmissions	
CFPP	Cold Filter Plugging Point	Global
CFR	Code of Federal Regulations or Cooperative Fuels Research	

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
CI	Cetane Index	
CIK-FIA	Commission Internationale de Karting - FIA	
C&L (C&E)	Classification & Labelling (Classification & Etiquetage)	
CLR	Committee Lubrication Research (USA)	
CMA	Chemical Manufacturers Association (USA)	
CMR	Cancérogènes, Mutagènes et toxiques pour la Reproduction	
CN	Cetane Number	
CNC	Computerized Numerical Control	
CNG	Compressed Natural Gas	
CO	Carbon Monoxide	
CO2	Carbon Dioxide	
COC	Cleveland Open Cup	Global
CONCAWE	Conservation of Clean Air and Water in Europe	
CoP	Code of Practice	
COSHH	Control of Substances Hazardous to Health	
CP	Cloud Pount	
cP	Centi Poise (nu; milli Pascal/sec.).	
CRC	Co-ordinating Research Council.	
CRI	Commun Rail Injectie.	
CSA	Chemical Safety Assessment	
CSNIL	Chambre Syndicale Nationale de l'Industrie des Lubrifiants	
CSR	Chemical Safety Report/ Rapport sur la Sécurité Chimique	
cSt	Centi Stoke. (nu; mm ² /sec.)	
CSTCC	Continuously Slipping Torque Converter Clutch	
CVD	Chemical Vapour Deposition	
CVT	Continuously Variable Transmission	
DCT	Double Clutch Transmission	
DI	Directe Inspuiting. (bij Dieselmotoren).	
DIN	Deutsches Institut für Normung	Germany
DNEL	Derived No Effect Level	
DOHC	Double Overhead Camshaft	
DOT	Department of Transportation	USA
DPD	Dangerous Preparations Directive	
DPF	Diesel Particulate Filter	
DTI	Department of Trade and Industry	
DU	Downstream Users (Utilisateurs Aval)	
DUCC	Downstream User Chemical Coordination Group	
ECB	European Chemical Bureau	
ECCC	Electronically Controlled Converter Clutch	
ECETOC	European Chemical Industry Ecology and Toxicologie Centre	
ECETOC	European Centre for Ecotoxicology and Toxicology of Chemicals	
ECHA	European Chemicals Agency	
EELMQMS	Europian Engine Lubricants Quality Management System.	
EFTC	Engine Fuels Technical Committee (van de CEC	
EGR	Exhaust Gas Recirculation	
EHD	Elasto Hydro Dyamisch.	
E-H	Electro-Hydraulic	
EIF	Enter Into Force	
EINECS	European Inventory of Existing Commercial Chemical Substances	
ELGI	European Lubricating Grease Institute	
ELINCS	European List of Notified Chemical Substances	
ELTC	Engine Lubricant Technical Committee. (van de CEC)	
EM	États Membres	
EMA	Engine Manufacturers Association (USA).	

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
E-M	Electro-Mechanic	
EOLS	Engine Oils Licensing and Certification System (van de API)	
EP	Extreme Pressure	
EP/AW	Extreme Pressure/Antiwear	
EPA	Environmental Protection Agency	USA
EPI	Équipement de Protection Individuelle	
ERC	Environmental Release Category	
ES	Exposure Scenario	
ESDS	extended-Safety Data Sheet (including ES)	
ESIG	European Solvents Industry Group	
ESP	Electronic Stability Program.	
ES/SE	Exposure Scenario/Scénario d'Exposition	
ES-VOC-CG	European Solvents VOC Co-ordination Group	
EUROPIA	European Petroleum Industrie Association	
FBC	Facteur de Bio Concentration	
FDA	Food & Drug Administration. (US)	
FDS	Fiche de Données de Sécurité	
FE. (O)	Fuel Economy. (Olie)	
FECC	European Association of Chemical Distributors	
FEICA	Association of European Adhesives and Sealants Manufacturer	
F	Formulator	
FF	Factory Fill	
F&I	Fabricant/Importateur	
FMVSS	Federal Motor Vehicle Safety Standard (US)	
FWD	Front Wheel Drive	
FZG	Forschungsstelle für Zahnräder und Getriebe	Germany
GAIL	Gruppo Aziende Industriali della Lubrificazione	
GDI	Gasoline Direct Injection	
GES	Generic Exposure Scenario	
GHS	Global Harmonized System	Global
GHS/SGH	Globally Harmonized System of Classification and Labelling/Système Général Harmonisé de Classification et d'Etiquetage	
GM	General Motors	
HACCP	Hazard Analysis and Critical Control Points	
HC	Hydro Carbons	
HDDO	Heavy Duty Diesel Oil	
HEV	Hybrid Electric Vehicle	
HFRR	High Frequency Reciprocating Rig (test)	
HSDI	High Speed Direct Injection. (bij Dieselmotoren)	
HSE	Health and Safety Executive	UK
HTHS	High Temperature High Shear	
HVI	High Viscosity Index	
IARC	International Agency for Research on Cancer	
IC	Internal Combustion (engine)	
IDI	Indirecte Diesel insputing (bij dieselmotoren)	
IEA	International Energy Agency	
IFP	Institut Francais du Pétrole	
ILMA	Independent Lubricant Manufacturers Association	
ILSAC	International Lubricants Standardization and Approval Committee	
I MECH E	Institute of Mechanical Engineers (UK)	
IP	Institute of Petroleum	
IR	Infra-Red	
IR & CSA TGD	Information Requirements and Chemical Safety Assessment Technical Guidance Document	
ISO	International Organisation for Standardisation	

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
ISO VG	ISO viscosity Grade	
ITC	International Tribology Administration (EU)	
IVD	Intake Valve Deposits (ook BMW IVD Test)	
IVT	Infinitely Variable Transmission	
JAMA	Japan Automobile Manufacturers Association	
JARI	Japan Automobile Research Institute	
JASIC	Japan Automobile Standards Internationalisation Centre	
JASO	Japanese Automobile Standards Organisation	
JIS	Japan Industry Standards	
JPI	Japan Petroleum Institute	
JSAE	Japan Society of Automotive Engineers	
KEMI	Swedish Chemicals Agency (Kemikalieinspektionen)	
kV	Kinematic Viscosity	
LEV	Local Exhaust Ventilation	
LNG	Liquified Natural Gas	
LPG	Liquified Petroleum Gas	
MB	Mercedes-Benz	
MEG	Mono Ethylene Glycol	
MI	Manufacturer/Importer	
MIRA	Motor Industry Research Association (UK)	
MON	Motor Octane Number	
MPV	Multi Purpose Vehicle	
MQAD	Materials Quality Assurance Directorate (UK)	
MRV	Mini Rotor Visco (meter)	
MSDS	Material Safety Data Sheet	
MT	Manual Transmission	
MTF	Manual Transmission Fluid	
MVIN	Medium Viscosity Index Naphthenic	
MVIP	Medium Viscosity Index Parafin	
MVMA	Motor Vehicle Manufacturers Association of North America (nu; AAMA)	
MWF	Metalworking Fluid(s)	Global
NALSAS	North American Lubricant Standarisation and Approval System	
NC	Numerical Control	
NIOSH	National Institute of Occupational Safety and Health	USA
NLGI	National Lubricating Grease Institute	
NLP	No Longer Polymer	
NMMA	National Marine Manufacturers Association	
NOx	Nitrogen Oxides	
NPRA	National Petroleum Refinery Association (USA)	
NTP	National Toxicology Programme	USA
OBD	On Board Diagnostics	
OC	Operational Conditions	
OEL	Occupational Exposure Limit	
OEM	Original Equipment Manufacturer	
OHC	Overhead Camshaft	
OMC	Outboard Marine Corporation	USA
OPEC	Organisation of Petroleum Exporting Countries	
ORC	Organisation Resources Counsellors (ORC Worldwide)	
OSHA	Occupational Safety and Health Administration	
OSOR	One Substance One Registration	
P	Préparation	
PAG	Polyalkylene Glycol	
PAH	Poly Cyclic Aromatic Hydrocarbons. (ook; PCA)	
PAO	Polyalphaolefin	

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
PAS	Power Assisted Steering	
PBT	Persistent, Bioaccumulable, Toxique	
PC	Physico-Chimique	
PC	Product Category	
PCA	Poly Cyclic Aromatic Hydrocarbons. (ook; PHA)	
PCB	Poly Chlorinated Biphenyl	
PCMO	Passenger Car Motor Oil	
PCV	Positive Crankcase Ventilation	Global
PE	Parlement Européen	
PEL	Permissible Exposure Limit (published by OSHA)	
PIB	Polybutene	
PIO	Poly Internal Olefin	
Pm	Particle matter.	
PM	Polymer	
PMCC	Pensky-Martens Closed Cup	
PNEC	Predicted No Effect Concentration	
POP	Polluant Organique Persistant	
PP	Pour Point	
PPD	Pour Point Depressant	
PPE	Personal Protective Equipment	
PPM	Parts per Million	
Ppts	Propriétés	
PROC	Process Category	
PRODUCE	Piloting REACH On Downstream Use and Communication in Europe	
PS	Product Stewardship	
PTFE	Polytetrafluoroethylene	
PVD	Physical Vapour Deposition	
QSAR	Quantitative Structure Activity-Relationship	
R&D	Recherche et Développement	
RDAPP/ PPORD	Recherche et Développement Axés sur les Produits et les Procédés/Product and Process Oriented Research and Development	
REACH	Registration, Evaluation and Authorisation (sic) of Chemicals	Europe
RIP	REACH Implementation Project	
RME	Rapeseed Methyl ester	
RMM	Risk Management Measures	
RON	Research Octane Number	
RPE	Respiratory Protective Equipment	
RPM	Revolutions Per Minute	
RSS	Robust Study Summary	
S	Substances	
SAAC	Statistical Advisory Applications Committee	
SAE	Society of Automotive Engineers	
SAN	Strong Acid Number	
SBN	Strong Base Number	
SCR	Selective Catalytic Reduction	
SEA	Socio-Economic Assessment	
SF	Service Fill	
SG	Specific Gravity	
SHERA	Safety, Health, Environmental and Regulatory Affairs Committee	USA
SHPD	Super High Performance Diesel	
SIA	Société des Ingenieurs de l'Automobile (Fr)	
SIEF	Substance Information Exchange Fora/Forum d'Exchange d'Informations sur les Substances (FEIS)	
SME	Small and Medium Sized Enterprises	

LIST OF INDUSTRY ACRONYMS AND ABBREVIATIONS

<u>CODE</u>	<u>DESCRIPTION</u>	<u>REGION</u>
SMG	Sequential M Gearbox	
S&P	Substances et Préparations	
SPORT	Strategic Partnership on Reach Testing	
SSU	Second Saybolt Universal	
STLE	Society of Tribologists and Lubrication Engineers	
STOU	Super Tractor Oil Universal	
SU	Sector of Use Category	
SUS	Saybolt Universal Seconds	
SVHC	Substance Very High Concerned	
TAN	Total Acid Number	
TASA	Type 'A' Suffix 'A' (GM Specification)	
TBN	Total Base Number	
TC	Turbo Charged	
TC (O)	Two Cycle (Oils)	
TC-W	Bia Specificate voor Buitenboord Motoren	
TDI	Turbo Direct Injection	
TGD	Technical Guidance Document	
THC	Total Hydro Carbons	
TLTC	Transmission Lubricants Technical Committee (van de CEC)	
TLV	Threshold Limit Value (published by ACGIH)	
TOU	Tractor Oil Universal	
TRA (ECETOC)	Targeted Risk Assessment (ECETOC tool)	
TSCA	Toxic Substance Control Act	
UA	Utilisateur Aval	
UEIL	European Lubricant Industry (Union Indépendante de l'Industrie Européenne des Lubrifiants)	Europe
UKLA	United Kingdom Lubricants Association	UK
USDA	United States Department of Agriculture	
UTTO	Universal Tractor Transmission Oil	
UVCB	Unknown, Variable composition, Complex reaction products and Biological materials	
VAT	Vertebrate Animal Testing	
VDMA	Verband Deutscher Maschinen und Anlagenbau	
VDT	Van Doorne Transmissie	
VHVI	Very High Viscosity Index	
VI	Viscosity Index	
vPvB	Very (très) Persistent, Very (très) Bioaccumulable	
VSN	Vereniging Smeerolieondernemingen Nederland	
VSS	Verband der Schweizerischen Schmierstoffindustrie	
WHO	World Health Organisation	Global
WOMA	White Oil Manufacturer Association	
XHVI	Extra High Viscosity Index	
ZDDP	Zinc Dialkyl Dithiophosphate	