

## G-Energy Service Line W 5W-30

Premium Fully Synthetic Engine Oil



Adaptive Formula



Engine oil



Fully synthetic



Multigrade



Gasoline and diesel engines



High-performance diesel engines



Diesel Particulate Filter

**G-Energy Service Line W 5W-30** is fully synthetic high performance engine oil designed to prolong life and maintain efficiency of the Exhaust Emission Reduction Systems in both diesel and gasoline powered vehicles. It provides ultimate performance and protection under all operating conditions. G-Energy Service Line W 5W-30 specifically formulated for use in modern VW, Audi, Seat and Skoda gasoline and diesel engines.

### Applications



- Modern gasoline and diesel VW, AUDI, Seat and Skoda engines
- Euro 4 and Euro 5 diesel engines equipped with DPF technology (diesel particulate filter), and/or TWC (three way catalyst). Also suitable for gasoline and LPG engines

	Features	Advantages and Potential Benefits
	Fully synthetic	Ultimate overall protection and performance under all operating conditions
	Long drain interval	Outstanding long lasting performance without oxidative oil thickening and oil breakdown
	Advanced additive package	Specifically designed for use with emission control systems like DPF (Diesel Particulate Filter) and TWC (Three Way Catalyst) to keep them in optimal conditions
	Excellent low temperature performance	Instant oil flow at low temperatures provides easy cold starts and optimal lubrication from the first seconds after ignition
	Improved wear protection	Provides ultimate protection against wear under all operating conditions for long component and engine life
	Active cleaning agents	Helps prevent deposits and sludge build-up to enable engine cleanliness and long life

#### Meets the requirements:

- ACEA C3
- Porsche C30

#### Approvals:

- BMW Longlife-04
- MB 229.51
- VW 504.00/507.00

## Typical Characteristics

Properties	Method	G-Energy Service Line W 5W-30
SAE Viscosity Grade	SAE J300	5W-30
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	69,8
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	11,6
Viscosity Index	ASTM D2270	169
Total Base Number, mg KOH/g	ASTM D2896	6,6
Flash Point (COC), °C	ASTM D92	234
Pour Point, °C	ASTM D97	-42
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	853

## G-Energy Service Line W 5W-30 performance benefits compared to ACEA C3

**Valve Train**

- Optimized power and fuel consumption (cam wear 31% lower)<sup>1</sup>
- Lower sludge formation (rocker cover sludge 19% lower)<sup>2</sup>

**Cylinder-piston group**

- Maintain engine horsepower (piston cleanliness 58% higher)<sup>1</sup>
- Prolong engine life (oxidation stability 4,8 times higher)<sup>3</sup>
- Engine protection under severe operation conditions (cylinder wear 64% lower)<sup>1</sup>

**Crankshaft**

- Excellent cold-start performance (MRV@-35°C 3,5 lower)<sup>4</sup>
- Less unanticipated downtime (turbo charger deposits 35% lower)<sup>5</sup>

**Oil Screen**

- Protection against oil starvation (oil screen clogging 20 times lower)<sup>2</sup>
- Engine cleanliness (engine sludge 17% lower)<sup>2</sup>

1- OM646LA; 2-Sequence VG; 3- DV6C; 4- CEC L-105; 5-EP6CDT

## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

ISO 9001

ISO 14001

ISO/TS 16949

OHSAS 18001

CERTIFIED

## G-Energy Service Line W 5W-30 recommendations\*

Makes	Models	Engines
AUDI	A1, A3, A4, A5, A6, A7, A8, Q1, Q3, Q5, Q7	Gasoline and Diesel
BMW	GT, Series1, Series3, Series5, Series7, X1,X3, X5, X6	Gasoline and Diesel
CHRYSLER	SEBRING, 300C	Gasoline (except 6.4 HEMI V8) since 2005
DACIA	SUPERNOVA, SOLENZA, SANDERO, LOGAN, DUSTER, LODGYM DOKKER	Diesel engines with particulate filters
DODGE	CALIBER, AVENGER	Diesel
FIAT	500, DOBLO, 600, SEICENTO, PANDA, PALIO, ALBEA, SIENA, IDEA, PUNTO, LINEA, BARCHETTA, BRAVO, STILO, MAREA, CROMA, SEDICI, QUBO, MULTIPLA, FREEMONT	Diesel before 2012
HONDA	JAZZ, CIVIC, FR-V, STREAM, ACCORD, LEGEND, HR-V, CR-V, NSX	Diesel engines with diesel particulate filters
HYUNDAI	ACCENT, ELANTRA, GETZ, I20, I30, I40 IX35, IX55, MATRIX, SANTA FE, SOLARIS, SONATA, TERRACAN, TUCSON, VERNA	Diesel engines with diesel particulate filters
INFINITI	G, I, JX, M, Q, EX, FX, QX	Gasoline
JEEP	GRAND CHEROKEE	Diesel
KIA	CARENS, CARNAVAL, CEED, CERATO, MAGENTIS/OPTIMA, PICANTO, RIO, SORENTO, SOUL, SPECTRA/SEPHIA/SHUMA, SPORTAGE, VENGA	Diesel engines with diesel particulate filters
MAZDA	2,3, 323, 5,6, ATENZA, AXELLA, CAPELLA, CX-3, CX-5, CX-7, CX-9, DEMIO, FAMILIA, PREMACY, VERISA	Diesel engines Skyactive
MERCEDES-BENZ	A, B, C, E, S, SLK, SLC, SL, CLA, CLC, CLK, CLS, CL, GLA, GLK, GLC, M, GLE, R, G, GL, GLS	Gasoline and Diesel
MITSUBISHI	AIRTREK, ASX, CARISMA, COLT, DION, GALANT, GRANDIS, L200, LANCER, CEDIA, LIBERO, MIRAGE, OUTLANDER, PAJERO, PININ, SPORT, SPACE STAR	Diesel since 2010
NISSAN	ALMERA, CUBE, EVALIA, JUKE, LEAF, MAXIMA QX, MICRA, MARCH, MURANO, NAVARA, NOTE, PATHFINDER, PATROL, TERRANO, PIXA, PULSAR, PRIMERA, QASHQAI, SKYLINE, TEANA, TIIDA, X-TRAIL	Diesel engines with diesel particulate filters
PORSCHE	911, BOXSTER, CAYMAN, CAYENNE, PANAMERA, MACAN	Gasoline and Diesel
SEAT	MII, AROSA, IBIZA, LEON, CORDOBA, EXEO, TOLEDO, ALTEA, ALHAMBRA	Gasoline and Diesel
SKODA	FABIA, OCTAVIA, RAPID, ROOMSTER, SUPERB, YETI	Gasoline and Diesel
SSANG YONG	ACTYON, CHAIRMAN, KORANDO, KYRON, MUSSO, REXTON, RODIUS	Gasoline and Diesel
SUBARU	IMPREZA, FORESTER, LEGACY, TREZIA, TRIBECA, WRX	Diesel
SUZUKI	ALTO, CELERIO, WAGON, SPLASH, SWIFT, IGNIS, SX4, LIANA, KIZASHI, JIMNY, VITARA, GRAND VITARA	Diesel engines with particulate filters
VOLKSWAGEN	AMAROCK, BORA, GOLF, JETTA, PASSAT, POLO, SHARAN, TIGUAN, TOUAREG, TOURAN	Gasoline and Diesel

\* Third party data is used to determine the recommended products. Gazpromneft Lubricants accepts no liability for the suitability of any recommendation made. Any decisions you make based on this information are your sole responsibility. Before adding any products to your vehicle, please always check vehicle/equipment handbook to confirm the suitability of any product recommendations for your vehicle/equipment.