HERON 20W50 AND 30W60

MULTI-GRADE LUBRICANT FOR GAS AND DIESEL-POWERED CAR ENGINES

TECHNICAL BULLETIN

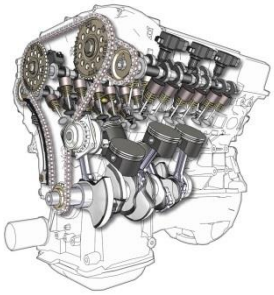
Version 1.1

PROPERTIES

Lubricants presenting a state-of-the-art formulation with high quality refined bases.

Latest generation additivation allows to achieve:

- superior resistance to oxidation and thermal action required by engines with high specific power with hydraulic valve control;
- excellent viscosymetric properties with limited use of polymers, which guarantees high shear stability;
- low Noack volatility values and limited consumption;
- protection against corrosion, rust, wear, foam formation;
- easy cold starts with exceptional anti-wear and antifreeze protection;
- outstanding engine cleanness;
- compatible with gasket elastomers.



APPLICATIONS

HERON 20W50 API SJ/CF ACEA A3
Gas engines that are naturally aspirated, turbocharged, multi-valve, with hydraulic valves in use since 1989 or previous ones; car Diesel engines, GPL and methane fueled engines. Lubricant change interval over 15.000 Km for gas-driven engines and according to manufacturer instructions for Diesel engines.
Oil filter replacement according to manufacturer instructions.

HERON 30W60 API SL/CF ACEA A3/B4 (anti-consumption)
Gas engines with high specific power, multi-valve engines, engines under conditions of high temperature and shearing, Diesel engines, or engines showing high lubricant consumption or white exhaust gas caused by lowered endurance of piston rings or valve gaskets.

CERTIFICATIONS AND LEVELS

- **HERON 20W50 API SJ/CF ACEA A3**
- **HERON 30W60 API SL/CF ACEA A3/B4**

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	U.M.	HERON 20W50	HERON 30W60	METHOD
Specific weight 15°C	kg/l	0,875-0,885	0,875-0,885	ASTM D297
Viscosity at 100°C	cSt	16,3-21,9	21,9-26,1	ASTM D445
Viscosity index		> 130	> 150	ASTM D 2270

November 28, 2013