

# APOLLO VV

## FULL SYNTHETIC ENGINE OIL

### Description 0W-30

Apollo VV 0W-30 is a long-life, 'full saps' technology, fully synthetic based oil formulation. Apollo VV 0W-30 is applicable in modern Euro-4 to Euro 6 engines, diesel or gasoline, naturally aspirated or turbocharged, indirect or direct injection, requiring a SAE 0W-30 with ACEA A5/B5 and API SL specifications. Apollo VV 0W-30 enables the engine to perform under all operating conditions due to its special additive package. Apollo VV 0W-30 is providing excellent performance in piston cleanliness, in reducing sludge formation and in keeping the turbocharger clean. Due to unique formulation, the oil has a low evaporation tendency resulting in minimizing oil consumption.

### Description 0W-20

Apollo VV 0W-20 is a fully synthetic fuel economy oil for gasoline and diesel engines in passenger cars. This product is specially applicable for most recent Volvo engines. Apollo VV 0W-20 is intended for the new Volvo Engine Architecture (VEA engines) technology. Apollo 0W-20 provides an extremely quick and stable lubricant film with a cold start at low temperatures and offers a high thermal stability when heavy operating conditions. Apollo VV 0W-20 offers maximum dispersancy and detergency by keeping the engine clean. There is also a maximum protection against rust and corrosion. Due to the usage of special additives all parts are kept free from sludge, dirt and deposits. Apollo VV 0W-20 offers extra fuel saving properties and allows long drain intervals (up to 30.000 km) for the latest models of Volvo. To meet the requirements of the requested fuel economy performance of the Volvo VCC RBS0-



2AE specification the Apollo VV 0W-20 has a HTHS below 2.9cP. Apollo VV 0W-20 is also applicable for vehicles for which a fuel economy to ACEA A1/B1 is prescribed.

### Performance levels 0W-20

- Volvo VCC RBS0-2AE
- ACEA C5
- API SN
- ILSAC GF-5
- BMW Longlife 17 FE+
- MB 229.71
- Opel/Vauxhall OV0401547

### Performance levels 0W-30

- API SL
- ACEA A5/B5
- Volvo VCC 95200377

### Recommended for use

- API CF

### Typical Properties

SAE		0W-20	0W-30
Code		LUB003036	LUB003035
Color		Yellow	Brown
Specific gravity @ 20 °C	Kg/L	0.8421	0.842
Kinematic Viscosity 40 °C	cSt	47.1	53.8
Kinematic Viscosity 100 °C	cSt	9	10.2
Viscosity CCS	cP	5687	5740
Viscosity Index		175	181
HTHS	cP		3
Pour point	°C	-48	-48
Flash point C.O.C.	°C	200	200
TBN	mg KOH/g	7.9	9.8
Sulphated Ash	%wt	0.8	1.1