

1. Engine Oils

a) Fully Synthetic Engine Oils

Product Name	SAE Grade	API/ACEA Specs	Features
Vortoil Ultra 0W-20	0W-20	API SP, ILSAC GF-6A	Fuel economy, low-temperature performance
Vortoil Ultra 0W-30	0W-30	API SP, ACEA C2/C3	High-performance synthetic, extended drain
Vortoil Ultra 5W-30	5W-30	API SP, ACEA C3	Suitable for modern turbocharged engines
Vortoil Ultra 5W-40	5W-40	API SP, ACEA A3/B4	Maximum protection under high stress

b) Semi-Synthetic Engine Oils

Product Name	SAE Grade	API/ACEA Specs	Features
Vortoil Plus 10W-40	10W-40	API SN/CF, ACEA A3/B4	Enhanced oxidation stability
Vortoil Plus 15W-40	15W-40	API SN/CF	Balanced performance for gasoline & diesel

c) Mineral Engine Oils

Product Name	SAE Grade	API/ACEA Specs	Features
Vortoil Premium 10W-30	10W-30	API SL/CF	Standard protection for older vehicles
Vortoil Premium 15W-40	15W-40	API SL/CF	Good wear protection, long-lasting
Vortoil Premium 20W-50	20W-50	API SL/CF	High-viscosity stability, suitable for hot climates

d) Heavy-Duty Diesel Engine Oils

Product Name	SAE Grade	API/ACEA Specs	Features
Vortoil Diesel Xtreme 10W-40	10W-40	API CK-4, ACEA E9	Advanced synthetic blend, low emissions
Vortoil Diesel Max 15W-40	15W-40	API CK-4, ACEA E7/E9	High-performance for turbocharged engines
Vortoil Diesel Pro 20W-50	20W-50	API CI-4/SL	High-viscosity protection for heavy-duty engines
Vortoil Diesel HD 50	SAE 50	API CF-4	Monograde for older diesel engines

2. Gear Oils

Manual Transmission Gear Oils (API GL-4 / GL-5)

Product Name	SAE Grade	API Specs	Features
Vortoil Gear 75W-80	75W-80	API GL-4	Smooth shifting, fuel efficiency
Vortoil Gear 75W-90	75W-90	API GL-5	High load-carrying protection
Vortoil Gear 80W-90	80W-90	API GL-5	Standard transmission protection
Vortoil Gear 85W-90	85W-90	API GL-5	Superior protection for commercial vehicles
Vortoil Gear 85W-140	85W-140	API GL-5	Heavy-duty gear protection

3. Automatic Transmission Fluids (ATF)

Product Name	Grade	Specifications
Vortoil ATF Dexron II	Dexron II	GM Dexron II, Ford Mercon
Vortoil ATF Dexron III	Dexron III	GM Dexron III, Allison C-4
Vortoil ATF Dexron VI	Dexron VI	GM Dexron VI, JASO 1A
Vortoil ATF CVT Fluid	CVT	Suitable for belt & chain CVTs
Vortoil ATF Multi-Vehicle	Multi	Compatible with multiple OEM specs

4. Brake Fluids

Product Name	Type	DOT Specifications
Vortoil Brake Fluid DOT 3	Glycol-based	DOT 3
Vortoil Brake Fluid DOT 4	Glycol-based	DOT 4
Vortoil Brake Fluid DOT 5.1	Glycol-based	DOT 5.1

5. Hydraulic Oils

Product Name	ISO VG	API/Specs
Vortoil Hydraulic 32	32	DIN 51524 Part 2 (HLP)
Vortoil Hydraulic 46	46	DIN 51524 Part 2 (HLP)
Vortoil Hydraulic 68	68	DIN 51524 Part 2 (HLP)

6. Coolants & Antifreeze

Product Name	Type	Features
Vortoil Coolant 30%	Pre-mixed	Ethylene Glycol, Anti-Rust
Vortoil Coolant 50%	Pre-mixed	Long-life coolant

7. Specialty Oils

Product Name	Type	Application
Vortoil Compressor Oil 46 / 68 / 100	ISO VG 46-100	Reciprocating & rotary compressors
Vortoil Turbine Oil 32 / 46 / 68	ISO VG 32-68	Gas & steam turbines
Vortoil Cutting Oil	-	Machining & metal cutting
Vortoil White Oil (Pharma Grade)	-	Medical & food-grade applications
Vortoil Oil Treatment	Additive	Enhances viscosity, reduces oil consumption
Vortoil Octane Booster	Additive	Increases fuel octane rating, improves combustion
Vortoil Engine Flush	Cleaning Agent	Removes sludge & deposits before oil change
