



**DIESEL/ PETROL ENGINE
BLACK**



**GEAR
BLACK**



**TRANSFORMER OIL
ISO 4**



**COOLANT AND ANTIFREEZE
ADVANCED**

Test scope

Elements, ICP	Elements, ICP	Elements, ICP	Elements for coolants
PQ-Index	PQ-Index	Viscosity 40 °C	Visual evaluation
Viscosity 40 °C	Viscosity 40 °C	Dissolved Gases (DGA)	Conductivity
Viscosity 100 °C	Viscosity 100 °C	Dielectric dissipation factor	Anoin content
VI (Viscosity index)	VI (Viscosity index)	Water acc. Karl Fischer	Refractive index
Oxidation	Visual evaluation	Colour index	Density
Nitration, Sulfation	Oxidation	Oxidation	pH value
IR-Index	Neutralisation or Acid Number	Neutralisation Number (NN)	
Water with FT-IR (%)	IR-Index	Breakdown voltage	
Dispersancy	Water with FT-IR (%)	Density	
Fuel content		Interface tension	
Soot, glycol			
Base Number (BN)			

All elements are determined for all kits.



Wear

Iron (Fe), chromium (Cr), tin (Sn), aluminium (Al), nickel (Ni), copper (Cu), lead (Pb), molybdenum (Mo), manganese (Mn)



Additives

Calcium (Ca), magnesium (Mg), zinc (Zn), phosphorus (P), barium (Ba), boron (B), sulphur (S) – only with ICP



Contaminations

Silicon (Si), potassium (K), natrium (Na), lithium (Li)

Indicated if the values are over 1 mg/kg:

Silver (Ag), titanium (Ti), vanadium (V), tungsten (W), bismuth (Bi), antimony (Sb), beryllium (Be), cadmium (Cd), cobalt (Co)