



# KROSS

Empowering Oil



## NORDIS G12 TYPE-D

KROSS NORDS NORDIS G12 TIP-D Concentrated Car Antifreeze is a blend of glycols and organic corrosion inhibitors, formulated based on OAT (Organic Acid Technology). The product is designed to effectively protect the cooling system against corrosion, overheating and freezing, ensuring a service life of over 100,000 km.

Recommended for all seasons, this antifreeze is intended for vehicles manufactured after 2005, equipped with aluminum, rubber or metal components and seals.

### PERFORMANCE LEVEL

- MB 325.3
- MAN 324 TYPE SNF
- VW TL 774 A/B/C/D
- SAAB 6901599
- SCANIA 0-891027GT EN
- RENAULT 41-01-001 TYPE D
- RENAULT TRUCKS 41-01-001
- VOLVO 1286083
- OPEL 040 0068/B 040 0240
- BMW N60069
- FORD ESE-M97B18-C/ESE-M97B44-A/SSM-97B9102-A;
- FORD WSE-M97B44-B/WSN-M97B18-D;
- FORD WSS M97B44-D1/WSS-M97B44-D2;
- GM 1825M/GM 6038M/ GM 6043M;
- GM 6277 DEXCOOL/ GM 1899M;
- CUMMINS 90T84/TMC RP329
- MACK TRACKS 014 GS 17004;
- JI CASE MS 1710
- JOHN DEERE JDM/H24A1/H24B1/H24C1/H5

### MEETS THE STANDARDS

- BS 6580
- ASTM D 3306
- ASTM D 4656
- ASTM D 4340
- ASTM D 4985
- STAS 8671
- NFR 15-601
- FVV HEFT R443
- JASO M325
- KSM 2142
- BT-PS 606A
- DC SEA 615/C
- FSD 8704
- NATO S759
- SAE J1034



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## INSTRUCTIONS

WATER DILUTION RATIO (VOL)	FREEZING POINT (°C)
1:1	-30°C
2:3	-17°C
1:2	-10°C

### IMPORTANT!

Use only in a mixture with demineralized water.

- Make sure the engine is cool before opening the radiator or expansion tank cap
- To avoid damaging the properties of the antifreeze, drain and clean the cooling system before use;

## CHARACTERISTICS

Test	CONCENTRATED 100%	DILUTED 1:1
ASPECT	CLEAR, PHOSPHORESCENT GREENISH-YELLOW	
pH, max	7,0 - 9,0	7,0 - 9,0
Relative density - 15°C	1,11 - 1,25	Max. 1,18
Freezing point, °C	-40	-30 ±1
Boiling point, °C minimum	125	102
Residue on calcination, %max.	2,0	1
Nitrites, phosphates, borates, silicates	NO	
Metal losses by corrosion mg/cm <sup>2</sup> , max: copper 99.9%	-	-0,034
Metal losses by corrosion mg/cm <sup>2</sup> , max: brass CuZn30	-	+0,042
Metal losses by corrosion mg/cm <sup>2</sup> max.: steel OLC35	-	-0,058
Metal losses by corrosion mg/cm <sup>2</sup> max.: aluminum 99,5%	-	+0,094
Metal losses by corrosion mg/cm <sup>2</sup> max: Fe200 cast iron	-	-0,063

## AVAILABLE PACKAGING

✓ 1.5 Liters	✓ 5 Liters	✓ 20 Liters	✓ 200 Liters
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