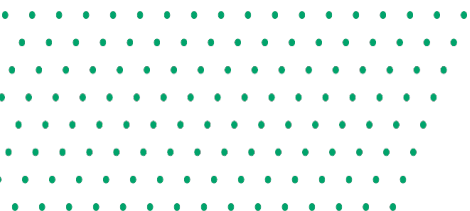










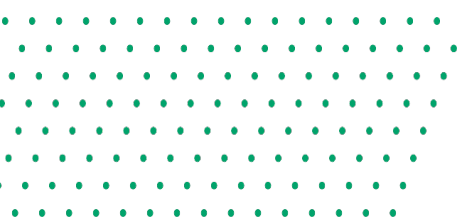
LUBRICANTS

Tatneft series



CONTENT

	PRODUCT RANGE	3
	Synthetic blend motor oil for gasoline engines	4
	Full synthetic motor oil for gasoline engines	7
	Synthetic blend motor oil for diesel engines	10
	Transmission oil	13
	Hydraulic oil	15



PRODUCT RANGE

Synthetic blend motor oil for gasoline engines

- «Tatneft Ultra Optima»
SAE 5W-30, 5W-40, 10W-40
- «Tatneft Progress»
SAE 5W-40, 10W-40, 15W-40



Full synthetic motor oil for gasoline engines

- «Tatneft LUXE»
SAE 0W-20, 0W-30, 5W-30, 5W-40
- «Tatneft LUXE PAO»
SAE 0W-30, 0W-40, 5W-40



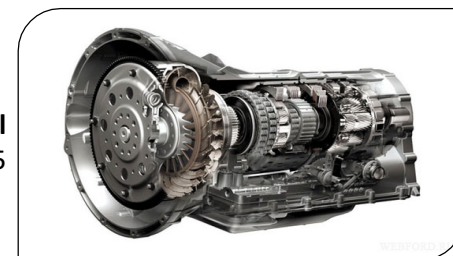
Synthetic blend motor oil for diesel engines

- «Tatneft Premium»
SAE 5W-40, 10W-40, 15W-40
- «Tatneft Profi»
SAE 5W-40, 10W-40, 15W-40



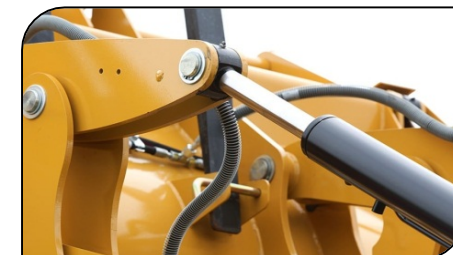
Transmission oil

- «Tatneft TM-5-18» SAE 75W-90, GL4/GL-5



Hydraulic oil

- ВМГЗ-45, ВМГЗ-55
- ВМГЗ-60





Synthetic Blend Motor Oil for Gasoline Engines



Tatneft Ultra Optima

VISCOSITY GRADE

SAE 5W-30, SAE 5W-40, SAE 10W-40

Multipurpose all-season synthetic blend motor oil as per API SL/CF performance requirements, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology.

STANDARD PROPERTIES:

№	Property	«Tatneft Ultra Optima»		
		SAE 5W-30	SAE 5W-40	SAE 10W-40
1	Kinematic viscosity, @ 100 °C mm ² /s	11,6	13,9	14,3
2	Viscosity index	160	170	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP	4805	4864	4576
4	Alkaline number, mg KOH for 1 g of oil	9,4	9,4	9,4
5	Sulphated ash content, % wt	1,33	1,33	1,33
6	Pour point, °C	minus 50	minus 49	minus 49
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	10	11	10
9	Density @ 20 °C, kg/m ³	854	852	862

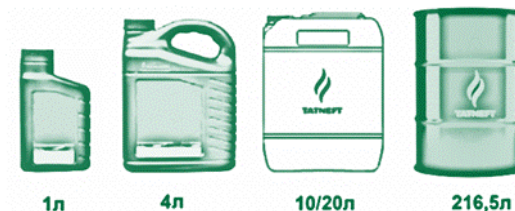
Standard properties of the product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions ;
- Prevents from high- and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection ;
- Low oil burning due to low evaporation rate.



PACKING



APPLICATION

It is designed for application and maintenance of modern high power car engines, including engines with fuel injection. Suitable for diesel engines with a moderate supercharging, requiring application of **API CF** category oils.

Tatneft Progress

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all-season synthetic blend motor oil as per API SG/CD, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology.

STANDARD PROPERTIES:

№	Property	«Tatneft Progress»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity mm ² /s @ 100 °C	14,0	13,8	13,8
2	Viscosity index	170	160	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	4366	3222	4355
4	Alkaline number, mg KOH for 1 g of oil	8,0	8,0	8,0
5	Sulphated ash content, % wt	1,1	1,1	1,1
6	Pour point, °C	minus 50	minus 49	minus 50
7	Open cup flush point, °C	230	230	230
8	Evaporation loss (as per NOACK method) , % wt	10	10	10
9	Density @ 20 °C, kg/m ³	848	854	856

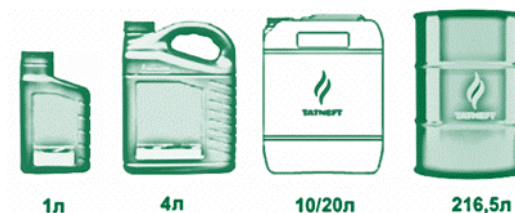
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BENEFITS

- High quality motor oil for economy segment;
- Prevents from high- and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning due to low evaporation rate.



PACKING



APPLICATION

It is designed for application and maintenance of modern high power car engines, including engines with fuel injection. Suitable for diesel engines with moderate supercharging, requiring application of **API CF** category oils.



Full Synthetic Motor Oil for Gasoline Engines



Tatneft LUXE

VISCOSITY GRADE

SAE 0W-20, SAE 0W-30, SAE 5W-30

Full synthetic all season motor oil as per API SN, SM/ILSAC GF-5 performance requirements ;

SAE 5W-40 - as per API SN, SM performance requirements, developed on the basis of full synthetic base oils VHVI, produced under hydrocracking technology with multifunctional additive package.

STANDARD PROPERTIES:

№	Property	«Tatneft LUXE»			
		SAE 0W-20	SAE 0W-30	SAE 5W-30	SAE 5W-40
1	Kinematic viscosity, mm ² /s @100 °C	7,1	9,8	10,3	12,9
2	Viscosity index	160	170	168	170
3	Apparent viscosity (dynamic) determined at CCS device @ minus 35 °C, cP @ minus 30 °C, cP	5100	5013	4055	4725
4	Alkaline number, mg KOH for 1 g of oil	8,0	8,0	8,0	8,0
5	Sulphated ash content, % wt	1,0	1,0	1,0	1,0
6	Pour point, °C	minus 50	minus 50	minus 49	minus 48
7	Open cup flash point, °C	232	234	240	240
8	Evaporation loss (as per NOACK method), % wt	10	10	9	9
9	Density @ 20 °C, kg/m ³	838	838	840	838

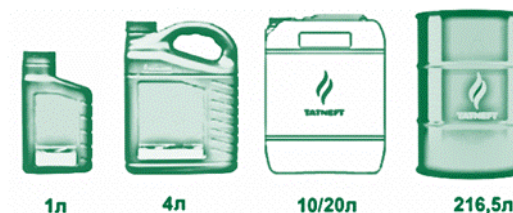
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BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions ;
- Full synthetic base oil with modern additive package provides perfect engine wear protection and prevents from high-and low-temperature deposits formation in the engine;
- LUXE SAE 0W-20, SAE 0W-30, SAE 5W-30 oils offer energy-saving properties.



PACKING



APPLICATION

Suitable for modern local, American, Korean and Japanese cars, designed for low viscosity oils with high performance properties. "Tatneft LUXE" motor oil is suitable for lubricating of high-power gasoline engines with fuel injection, minivans and light trucks that meet the requirement for toxic emissions of EURO-5 components. "Татнефть LUXE" motor oil efficiently ensures long service life of gasoline engines.

Tatneft LUXE PAO

VISCOSITY GRADE

SAE 0W-30, SAE 5W-30, SAE 0W-40, SAE 5W-40

Full synthetic motor oil as per API SN ACEA A3/B4 performance requirements, developed on the basis of high quality full synthetic base of polyalphaolefin oils and esters with multifunctional additive package.

STANDARD PROPERTIES:

№	Property	«Татнефть LUXE PAO»			
		SAE 0W-30	SAE 5W-30	SAE 0W-40	SAE 5W-40
1	Kinematic viscosity, mm ² /s @ 100 °C	12,0	12,1	13,9	14,5
2	Viscosity index,	170	170	170	170
3	Apparent viscosity (dynamic) determined at CCS device @ minus 35 °C, cP @ minus 30 °C, cP	5557		5227	
			4702		4420
4	Alkaline number, mg KOH for 1 g of oil	10	10	10	10
5	Sulphated ash content, % wt	1,54	1,54	1,54	1,54
6	Pour point, °C	minus 51	minus 50	minus 51	minus 50
7	Open cup flash point, °C	232	232	232	232
8	Evaporation loss (as per NOACK method), % wt	9	9	9	7

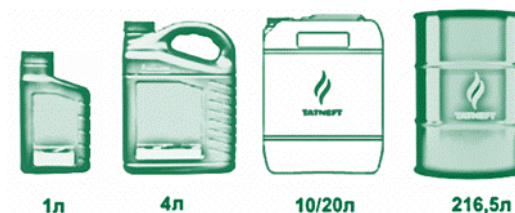
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ПРЕИМУЩЕСТВА

- Superior low temperature properties of polyalphaolefin oils and esters provides sure start of the motor in sever winter conditions and immediate lubricating ;
- High alkaline number protects engine and prevents from high-and low-temperature deposits ;
- Modern additive package provides perfect engine wear protection;
- SAE 0W-30 oil offers energy saving properties .



PACKING



APPLICATION

Suitable for cars designed for low viscosity oils with high performance properties. "Tatneft LUXE PAO" motor oils are suitable for lubricating of high-power gasoline engines with fuel injection, minivans and light trucks that meet the requirement for toxic emissions of EURO-5 components. "Tatneft LUXE PAO" motor oils efficiently ensure long service life of gasoline engines.



Synthetic Blend Motor
Oil for Diesel Engines



Tatneft Premium

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all season synthetic blend motor oil as per API CI-4/SL performance requirements, developed on the basis of full synthetic base oil VHVI. Produced under hydrocracking technology. The additive package used in the production of this oil ensures compliance with MAZ, YMZ requirements.

STANDARD PROPERTIES:

№	Property	«Tatneft Premium»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity, mm ² /s @ 100 °C	14,5	14,5	15
2	Viscosity index	165	155	145
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	6058	4098	4150
4	Alkaline number, mg KOH for 1 g of oil	11,0	11,0	11,0
5	Sulphated ash content, % wt	1,5	1,5	1,5
6	Pour point, °C	minus 50	minus 49	minus 47
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	10	10	8
9	Density @ 20 °C, kg/m ³	851	862	861

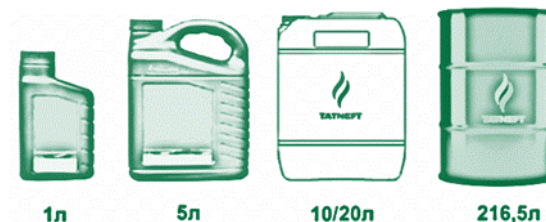
Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions;
- Prevents from high-and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning because of low evaporation rate.



PACKING



APPROVED

PJSC RAMAZ for Euro-3, Euro-4, Euro-5 engines

APPLICATION

Designed for high-speed diesel truck engines, effectively ensures the service life durability of diesel engines equipped with an exhaust gas recirculation (EGR) system. Also suitable for operation and maintenance of gasoline engines of the cars equipped to Euro-4 inclusive .

Tatneft Profi

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all season synthetic blend motor oil as per API CI-4/SL performance requirements, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology. The additive package used in the production of this oil ensures compliance with KAMAZ, MAZ, YMZ requirements .

STANDARD PROPERTIES:

№	Property	«Tatneft Profi»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity mm ² /s @100 °C	14	14	15
2	Viscosity index	170	160	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	5004	3270	2352
4	Alkaline number , mg KOH for 1 g of oil	9	9	9
5	Sulphated ash content, % wt	1,4	1,4	1,4
6	Pour point, °C	minus 48	minus 45	minus 45
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	11	10	9
9	Density @ 20 °C, kg/m ³	851	867	860

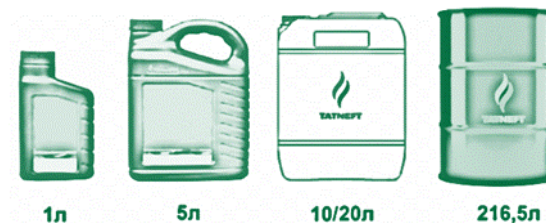
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BENEFITS

- Quality oil for diesel engines with a "price-quality" ratio, by using a high-quality basis and the balanced additive package;
- Prevents from high-and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning because of low evaporation rate.

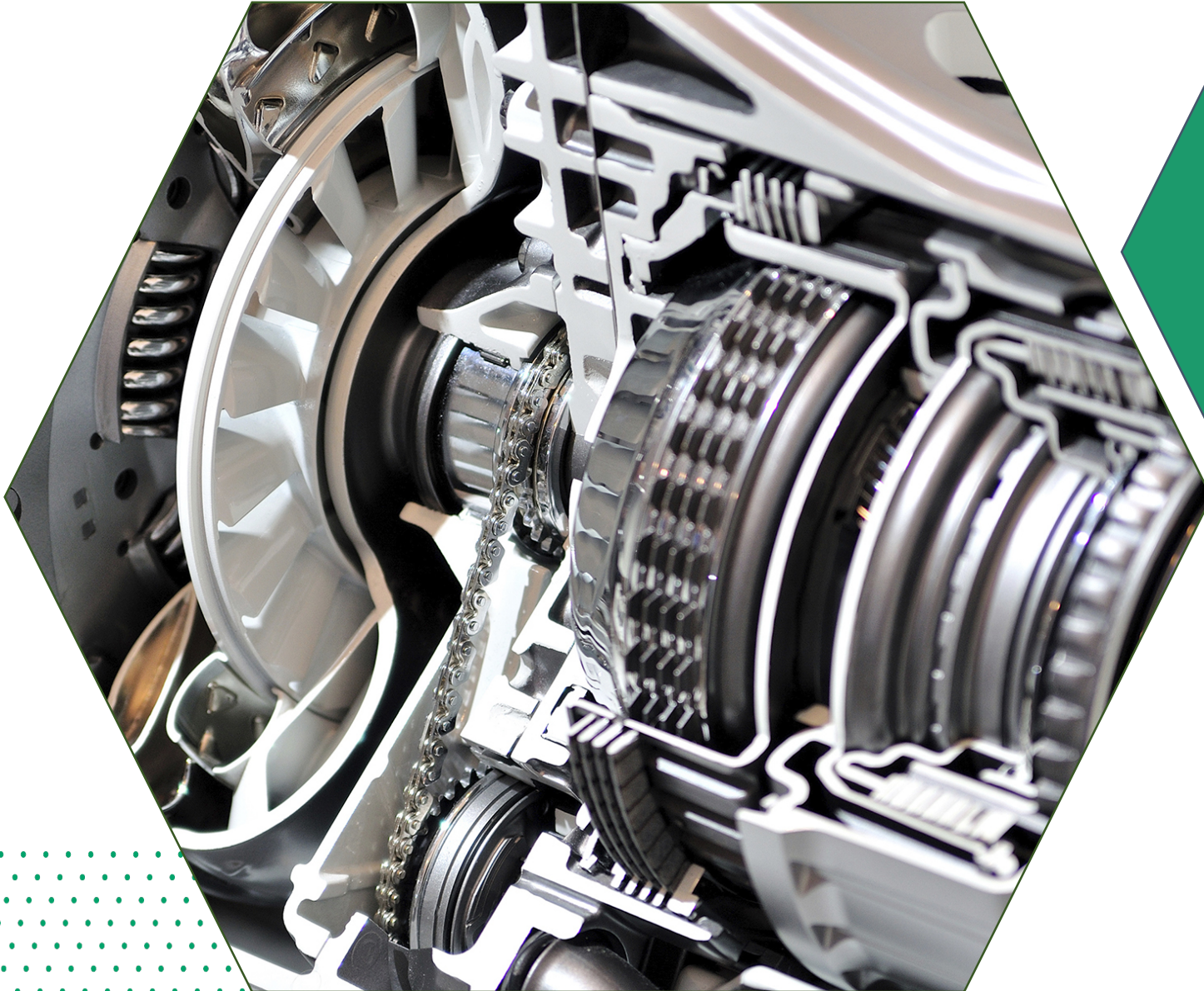


PACKING



APPLICATION

Designed for high-power diesel engines with turbocharging of trucks, buses, road-building machineries and other vehicles, as well as modern gasoline engines of cars, including engines with fuel injection .



Transmission Oils

Tatneft TM-5-18

VISCOSITY GRADE

SAE 75W-90

Manufactured on the basis of full synthetic base oils VHVI, produced under hydrocracking technology and multifunctional additive package, improving the operating and viscous-temperature properties of the oil.

STANDARD PROPERTIES:

No	Property	«Tatneft TM-5-18» SAE 75W-90 API grade GL-4/GL-5
1	Kinematic viscosity, mm ² /s @ 100 °C, mm ² /s	15,5
2	Viscosity index	134
3	Dynamic viscosity @ minus 40 °C, mPa*s	129500
4	Pour point, °C	minus 42
5	Open cut flash point, °C	171
6	Density @15 °C, kg/m ³	875

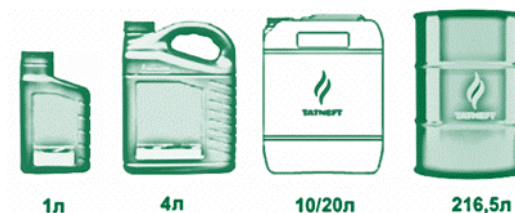
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BENEFITS

- Multipurpose oil for mechanical transmissions of imported and domestic cars and trucks and other mobile equipment requiring the use of API GL-4 and API GL-5 oils;
- Perfect viscous-temperature properties ensure proper lubrication of transmission machinery at minus 40 °C up to 40 °C;
- High level of protection against wear of gears and synchronizers in conditions of high temperatures, shock and contact loads;
- High antioxidant and thermal stability;
- It has good antifoam and anticorrosion properties, it is perfectly compatible with oil seals and seals of gear boxes, junction boxes, power take-offs and axle-drive gears.



PACKING



APPLICATION

Specially designed for mechanical transmissions with any gear type, including hypoid gear, trucks and other motor equipment, requiring API oils of GL-4/GL-5 grade. Transmission oil Tatneft TM-5-18 SAE 75W-90 API of GL-4/GL-5 tgrade ensures efficient operation of high loaded transmission units within allowable load limits and great environment temperature variation .



Hydraulic Oil

BMГ3-45, BMГ3-55

All season hydraulic oils BMГ3-45, BMГ3-55, produced on the basis of synthetic base oils HVI and VHVI, derived under hydrocracking technology, with the additive package, ensuring viscosity, antioxidant, anti-wear, low-temperature, anticorrosive, anti-foam properties. As per GOST 17479.3-85: MF-15-B

STANDARD PROPERTIES:

No	Property	BMГ3-45	BMГ3-55
1	Kinematic viscosity, mm ² /s @ 50 °C	11	10,4
2	Viscosity index	140	200
3	Kinematic viscosity @ minus 30 oC, mm ² /s	965	484
4	Acid number, mg KOH for 1 g of oil	0,7	0,7
5	Ash content, %	0,12	0,12
6	Pour point, °C	minus 50	minus 55
7	Open cup flash point, °C	190	180
8	Density @ 20 °C, kg/m ³	825	825

Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties ensure reliable operation of hydraulic systems in severe winter conditions;
- Prevents from deposits formation in the mechanisms;
- Ensures long service life of machines.



PACKING



10/20л



216,5л

APPLICATION

Suitable as all-season working fluid, in hydraulic drive and hydraulic control systems for construction, road, logging, lifting, transporting and other machinery, as well as in industrial hydraulic equipment operated outdoors in the Far North, Siberia and moderate temperate climates, with oil operation temperature from minus 40 °C to 80 °C depending on the pump type.

BMГ3-60

All season hydraulic oil, produced on the basis of synthetic base oils HVI and VHVI, derived under hydrocracking technology, with the additive package, ensuring viscosity, antioxidant, anti-wear, low-temperature, anticorrosive, anti-foam properties. As per GOST 17479.3-85: МГ-15-В

ТИПОВЫЕ ПОКАЗАТЕЛИ:

№	Property	BMГ3-60 Grade A	BMГ3-60 Grade Б
1	Kinematic viscosity @ 50 °C , mm ² /s	10,4	10,4
2	Viscosity index	210	200
3	Kinematic viscosity @ minus 30°, mm ² /s	480	484
4	Kinematic viscosity @ minus 40 °C, mm ² /s	1400	2500
5	Acid number , mg KOH for 1 g of oil	0,7	0,7
6	Ash content, %	0,12	0,12
7	Pour point, °C	minus 62	minus 60
8	Open cup flash point, °C	180	180
9	Density @ 20 °C, kg/m ³	825	825

Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties ensure the start of the hydraulic drive at ambient temperature of minus 40 °C;
- Protects against corrosion and mechanical wear of machines;
- Ensures long service life .



PACKING



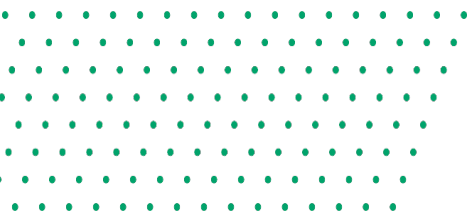
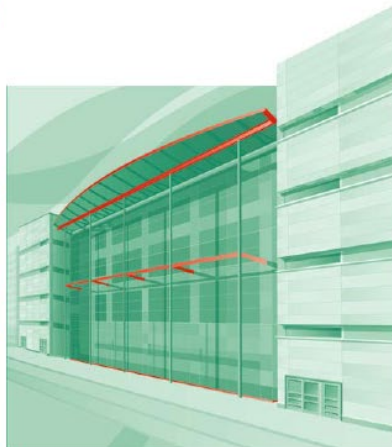
10/20л



216,5л

APPLICATION

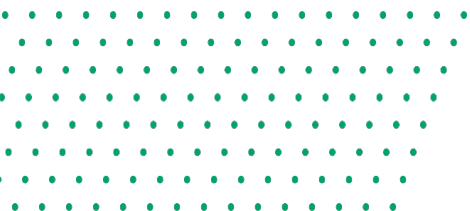
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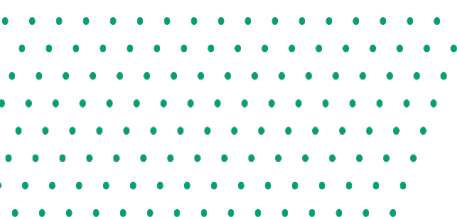
LUBRICANTS

Tatneft series



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PRODUCT RANGE

Synthetic blend motor oil for gasoline engines

- «Tatneft Ultra Optima»
SAE 5W-30, 5W-40, 10W-40
- «Tatneft Progress»
SAE 5W-40, 10W-40, 15W-40



Full synthetic motor oil for gasoline engines

- «Tatneft LUXE»
SAE 0W-20, 0W-30, 5W-30, 5W-40
- «Tatneft LUXE PAO»
SAE 0W-30, 0W-40, 5W-40



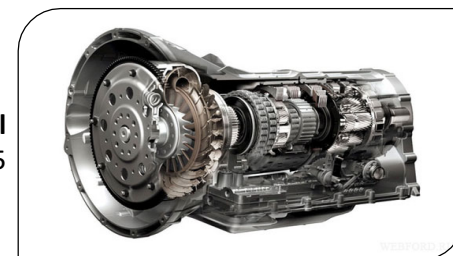
Synthetic blend motor oil for diesel engines

- «Tatneft Premium»
SAE 5W-40, 10W-40, 15W-40
- «Tatneft Profi»
SAE 5W-40, 10W-40, 15W-40



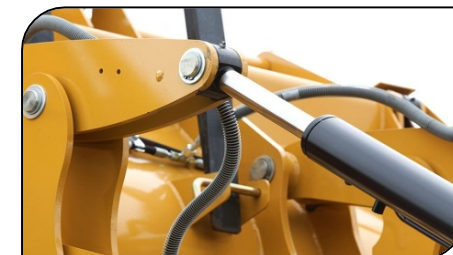
Transmission oil

- «Tatneft TM-5-18» SAE 75W-90, GL4/GL-5



Hydraulic oil

- ВМГЗ-45, ВМГЗ-55
- ВМГЗ-60





Synthetic Blend Motor Oil for Gasoline Engines



Tatneft Ultra Optima

VISCOSITY GRADE

SAE 5W-30, SAE 5W-40, SAE 10W-40

Multipurpose all-season synthetic blend motor oil as per API SL/CF performance requirements, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology.

STANDARD PROPERTIES:

№	Property	«Tatneft Ultra Optima»		
		SAE 5W-30	SAE 5W-40	SAE 10W-40
1	Kinematic viscosity, @ 100 °C mm ² /s	11,6	13,9	14,3
2	Viscosity index	160	170	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP	4805	4864	4576
4	Alkaline number, mg KOH for 1 g of oil	9,4	9,4	9,4
5	Sulphated ash content, % wt	1,33	1,33	1,33
6	Pour point, °C	minus 50	minus 49	minus 49
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	10	11	10
9	Density @ 20 °C, kg/m ³	854	852	862

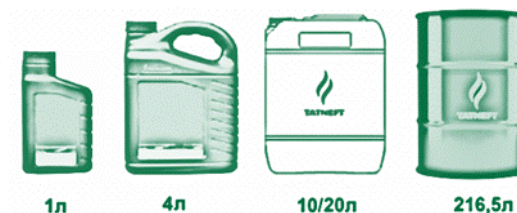
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BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions ;
- Prevents from high- and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection ;
- Low oil burning due to low evaporation rate.



PACKING



APPLICATION

It is designed for application and maintenance of modern high power car engines, including engines with fuel injection. Suitable for diesel engines with a moderate supercharging, requiring application of **API CF** category oils.

Tatneft Progress

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all-season synthetic blend motor oil as per API SG/CD, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology.

STANDARD PROPERTIES:

№	Property	«Tatneft Progress»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity mm ² /s @ 100 °C	14,0	13,8	13,8
2	Viscosity index	170	160	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	4366	3222	4355
4	Alkaline number, mg KOH for 1 g of oil	8,0	8,0	8,0
5	Sulphated ash content, % wt	1,1	1,1	1,1
6	Pour point, °C	minus 50	minus 49	minus 50
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method) , % wt	10	10	10
9	Density @ 20 °C, kg/m ³	848	854	856

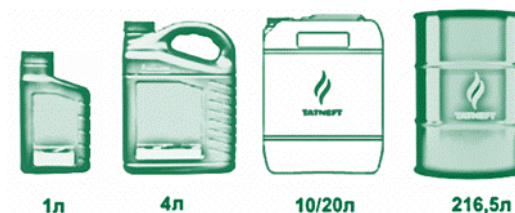
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BENEFITS

- High quality motor oil for economy segment;
- Prevents from high- and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning due to low evaporation rate.



PACKING



APPLICATION

It is designed for application and maintenance of modern high power car engines, including engines with fuel injection. Suitable for diesel engines with moderate supercharging, requiring application of **API CF** category oils.



Full Synthetic Motor Oil for Gasoline Engines



Tatneft LUXE

VISCOSITY GRADE

SAE 0W-20, SAE 0W-30, SAE 5W-30

Full synthetic all season motor oil as per API SN, SM/ILSAC GF-5 performance requirements ;

SAE 5W-40 - as per API SN, SM performance requirements, developed on the basis of full synthetic base oils VHVI, produced under hydrocracking technology with multifunctional additive package.

STANDARD PROPERTIES:

№	Property	«Tatneft LUXE»			
		SAE 0W-20	SAE 0W-30	SAE 5W-30	SAE 5W-40
1	Kinematic viscosity, mm ² /s @100 °C	7,1	9,8	10,3	12,9
2	Viscosity index	160	170	168	170
3	Apparent viscosity (dynamic) determined at CCS device @ minus 35 °C, cP @ minus 30 °C, cP	5100	5013	4055	4725
4	Alkaline number, mg KOH for 1 g of oil	8,0	8,0	8,0	8,0
5	Sulphated ash content, % wt	1,0	1,0	1,0	1,0
6	Pour point, °C	minus 50	minus 50	minus 49	minus 48
7	Open cup flash point, °C	232	234	240	240
8	Evaporation loss (as per NOACK method), % wt	10	10	9	9
9	Density @ 20 °C, kg/m ³	838	838	840	838

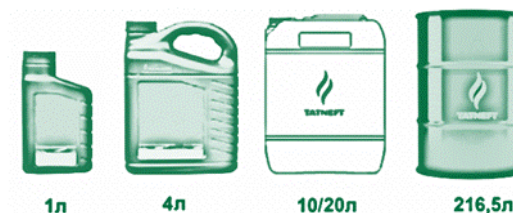
Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions ;
- Full synthetic base oil with modern additive package provides perfect engine wear protection and prevents from high-and low-temperature deposits formation in the engine;
- LUXE SAE 0W-20, SAE 0W-30, SAE 5W-30 oils offer energy-saving properties.



PACKING



APPLICATION

Suitable for modern local, American, Korean and Japanese cars, designed for low viscosity oils with high performance properties. "Tatneft LUXE" motor oil is suitable for lubricating of high-power gasoline engines with fuel injection, minivans and light trucks that meet the requirement for toxic emissions of EURO-5 components. "Татнефть LUXE" motor oil efficiently ensures long service life of gasoline engines.

Tatneft LUXE PAO

VISCOSITY GRADE

SAE 0W-30, SAE 5W-30, SAE 0W-40, SAE 5W-40

Full synthetic motor oil as per API SN ACEA A3/B4 performance requirements, developed on the basis of high quality full synthetic base of polyalphaolefin oils and esters with multifunctional additive package.

STANDARD PROPERTIES:

№	Property	«Татнефть LUXE PAO»			
		SAE 0W-30	SAE 5W-30	SAE 0W-40	SAE 5W-40
1	Kinematic viscosity, mm ² /s @ 100 °C	12,0	12,1	13,9	14,5
2	Viscosity index,	170	170	170	170
3	Apparent viscosity (dynamic) determined at CCS device @ minus 35 °C, cP @ minus 30 °C, cP	5557		5227	
			4702		4420
4	Alkaline number, mg KOH for 1 g of oil	10	10	10	10
5	Sulphated ash content, % wt	1,54	1,54	1,54	1,54
6	Pour point, °C	minus 51	minus 50	minus 51	minus 50
7	Open cup flash point, °C	232	232	232	232
8	Evaporation loss (as per NOACK method), % wt	9	9	9	7

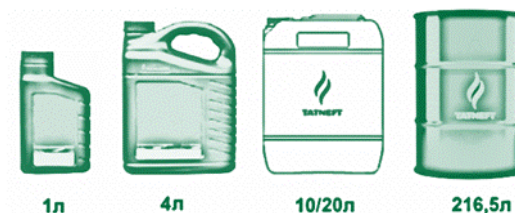
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ПРЕИМУЩЕСТВА

- Superior low temperature properties of polyalphaolefin oils and esters provides sure start of the motor in sever winter conditions and immediate lubricating ;
- High alkaline number protects engine and prevents from high-and low-temperature deposits ;
- Modern additive package provides perfect engine wear protection;
- SAE 0W-30 oil offers energy saving properties .



PACKING



APPLICATION

Suitable for cars designed for low viscosity oils with high performance properties. "Tatneft LUXE PAO" motor oils are suitable for lubricating of high-power gasoline engines with fuel injection, minivans and light trucks that meet the requirement for toxic emissions of EURO-5 components. "Tatneft LUXE PAO" motor oils efficiently ensure long service life of gasoline engines.



Synthetic Blend Motor
Oil for Diesel Engines

Tatneft Premium

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all season synthetic blend motor oil as per API CI-4/SL performance requirements, developed on the basis of full synthetic base oil VHVI. Produced under hydrocracking technology. The additive package used in the production of this oil ensures compliance with MAZ, YMZ requirements.

STANDARD PROPERTIES:

№	Property	«Tatneft Premium»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity, mm ² /s @ 100 °C	14,5	14,5	15
2	Viscosity index	165	155	145
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	6058	4098	4150
4	Alkaline number, mg KOH for 1 g of oil	11,0	11,0	11,0
5	Sulphated ash content, % wt	1,5	1,5	1,5
6	Pour point, °C	minus 50	minus 49	minus 47
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	10	10	8
9	Density @ 20 °C, kg/m ³	851	862	861

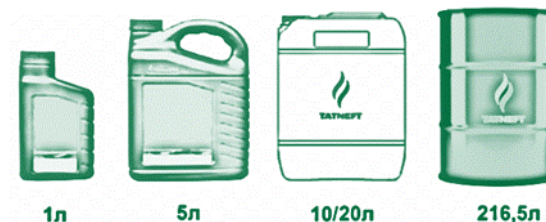
Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties provide reliable engine protection in severe winter conditions;
- Prevents from high-and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning because of low evaporation rate.



PACKING



APPROVED

PJSC RAMAZ for Euro-3, Euro-4, Euro-5 engines

APPLICATION

Designed for high-speed diesel truck engines, effectively ensures the service life durability of diesel engines equipped with an exhaust gas recirculation (EGR) system. Also suitable for operation and maintenance of gasoline engines of the cars equipped to Euro-4 inclusive .

Tatneft Profi

VISCOSITY GRADE

SAE 5W-40, SAE 10W-40, SAE 15W-40

Multipurpose all season synthetic blend motor oil as per API CI-4/SL performance requirements, developed on the basis of full synthetic base oil VHVI, produced under hydrocracking technology. The additive package used in the production of this oil ensures compliance with KAMAZ, MAZ, YMZ requirements.

STANDARD PROPERTIES:

№	Property	«Tatneft Profi»		
		SAE 5W-40	SAE 10W-40	SAE 15W-40
1	Kinematic viscosity mm ² /s @100 °C	14	14	15
2	Viscosity index	170	160	150
3	Apparent viscosity (dynamic), determined at CCS device @ minus 30 °C, cP @ minus 25 °C, cP @ minus 20 °C, cP	5004	3270	2352
4	Alkaline number , mg KOH for 1 g of oil	9	9	9
5	Sulphated ash content, % wt	1,4	1,4	1,4
6	Pour point, °C	minus 48	minus 45	minus 45
7	Open cup flash point, °C	230	230	230
8	Evaporation loss (as per NOACK method), % wt	11	10	9
9	Density @ 20 °C, kg/m ³	851	867	860

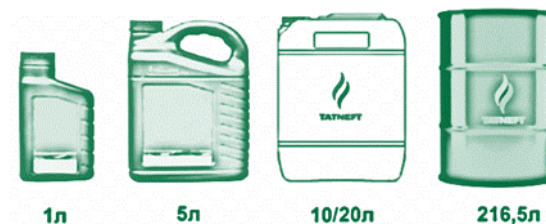
Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Quality oil for diesel engines with a "price-quality" ratio, by using a high-quality basis and the balanced additive package;
- Prevents from high-and low-temperature deposits formation in the engine;
- Provides perfect engine wear protection;
- Low oil burning because of low evaporation rate.

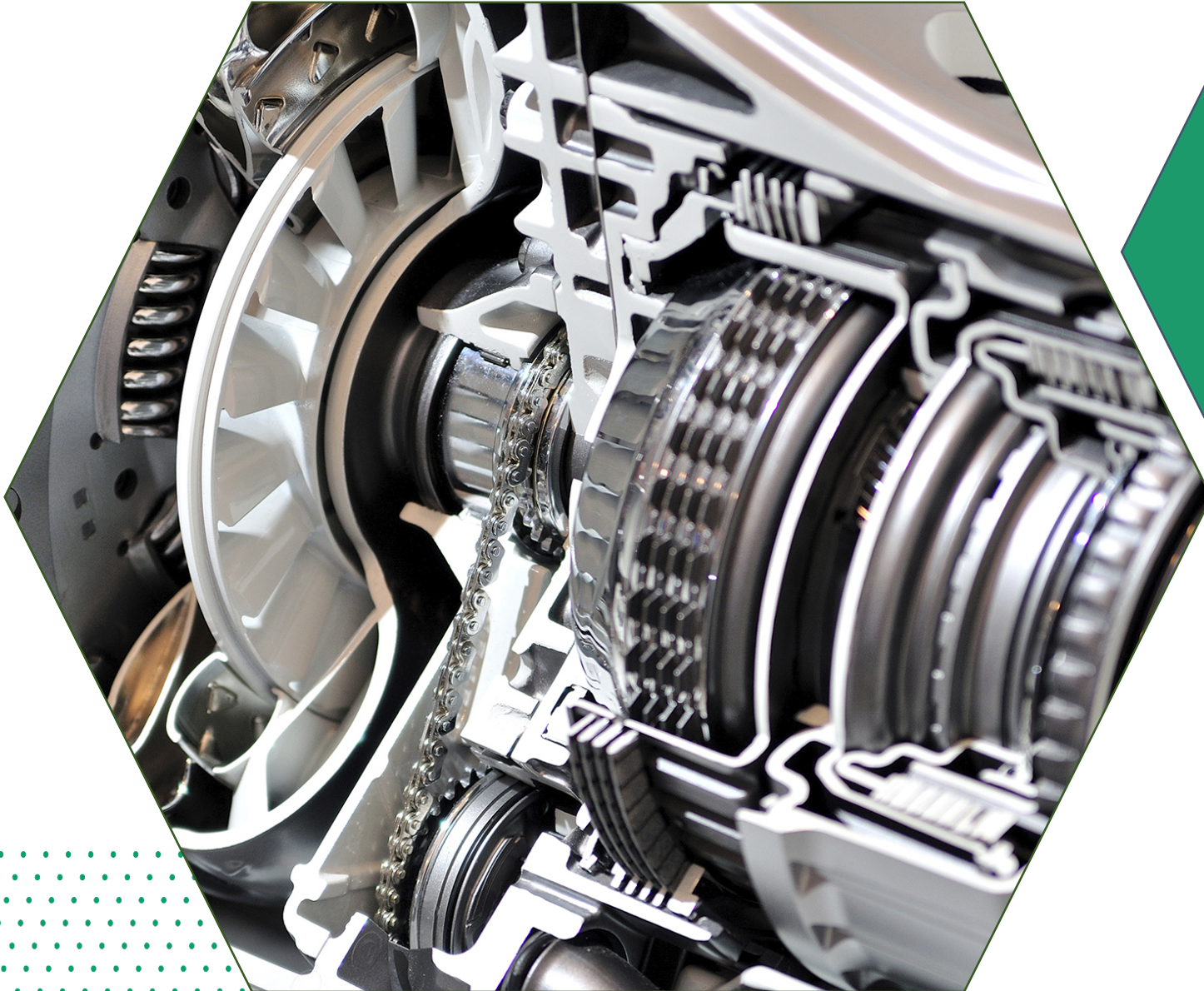


PACKING



APPLICATION

Designed for high-power diesel engines with turbocharging of trucks, buses, road-building machineries and other vehicles, as well as modern gasoline engines of cars, including engines with fuel injection.



Transmission Oils

Tatneft TM-5-18

VISCOSITY GRADE

SAE 75W-90

Manufactured on the basis of full synthetic base oils VHVI, produced under hydrocracking technology and multifunctional additive package, improving the operating and viscous-temperature properties of the oil.

STANDARD PROPERTIES:

No	Property	«Tatneft TM-5-18» SAE 75W-90 API grade GL-4/GL-5
1	Kinematic viscosity, mm ² /s @ 100 °C, mm ² /s	15,5
2	Viscosity index	134
3	Dynamic viscosity @ minus 40 °C, mPa*s	129500
4	Pour point, °C	minus 42
5	Open cut flash point, °C	171
6	Density @15 °C, kg/m ³	875

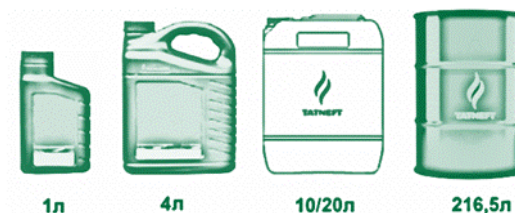
Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Multipurpose oil for mechanical transmissions of imported and domestic cars and trucks and other mobile equipment requiring the use of API GL-4 and API GL-5 oils;
- Perfect viscous-temperature properties ensure proper lubrication of transmission machinery at minus 40 °C up to 40 °C;
- High level of protection against wear of gears and synchronizers in conditions of high temperatures, shock and contact loads;
- High antioxidant and thermal stability;
- It has good antifoam and anticorrosion properties, it is perfectly compatible with oil seals and seals of gear boxes, junction boxes, power take-offs and axle-drive gears.



PACKING



APPLICATION

Specially designed for mechanical transmissions with any gear type, including hypoid gear, trucks and other motor equipment, requiring API oils of GL-4/GL-5 grade. Transmission oil Tatneft TM-5-18 SAE 75W-90 API of GL-4/GL-5 tgrade ensures efficient operation of high loaded transmission units within allowable load limits and great environment temperature variation .



Hydraulic Oil

BMГ3-45, BMГ3-55

All season hydraulic oils BMГ3-45, BMГ3-55, produced on the basis of synthetic base oils HVI and VHVI, derived under hydrocracking technology, with the additive package, ensuring viscosity, antioxidant, anti-wear, low-temperature, anticorrosive, anti-foam properties. As per GOST 17479.3-85: MF-15-B

STANDARD PROPERTIES:

No	Property	BMГ3-45	BMГ3-55
1	Kinematic viscosity, mm ² /s @ 50 °C	11	10,4
2	Viscosity index	140	200
3	Kinematic viscosity @ minus 30 oC, mm ² /s	965	484
4	Acid number, mg KOH for 1 g of oil	0,7	0,7
5	Ash content, %	0,12	0,12
6	Pour point, °C	minus 50	minus 55
7	Open cup flash point, °C	190	180
8	Density @ 20 °C, kg/m ³	825	825

Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties ensure reliable operation of hydraulic systems in severe winter conditions;
- Prevents from deposits formation in the mechanisms;
- Ensures long service life of machines.



PACKING



10/20л



216,5л

APPLICATION

Suitable as all-season working fluid, in hydraulic drive and hydraulic control systems for construction, road, logging, lifting, transporting and other machinery, as well as in industrial hydraulic equipment operated outdoors in the Far North, Siberia and moderate temperate climates, with oil operation temperature from minus 40 °C to 80 °C depending on the pump type.

BMГ3-60

All season hydraulic oil, produced on the basis of synthetic base oils HVI and VHVI, derived under hydrocracking technology, with the additive package, ensuring viscosity, antioxidant, anti-wear, low-temperature, anticorrosive, anti-foam properties. As per GOST 17479.3-85: МГ-15-В

ТИПОВЫЕ ПОКАЗАТЕЛИ:

№	Property	BMГ3-60 Grade A	BMГ3-60 Grade Б
1	Kinematic viscosity @ 50 °C, mm ² /s	10,4	10,4
2	Viscosity index	210	200
3	Kinematic viscosity @ minus 30°, mm ² /s	480	484
4	Kinematic viscosity @ minus 40 °C, mm ² /s	1400	2500
5	Acid number, mg KOH for 1 g of oil	0,7	0,7
6	Ash content, %	0,12	0,12
7	Pour point, °C	minus 62	minus 60
8	Open cup flash point, °C	180	180
9	Density @ 20 °C, kg/m ³	825	825

Standard properties of product cannot be considered as Manufacturer's Specification and can vary within the limits of reference documentation requirements

BENEFITS

- Improved low-temperature properties ensure the start of the hydraulic drive at ambient temperature of minus 40 °C;
- Protects against corrosion and mechanical wear of machines;
- Ensures long service life .



PACKING



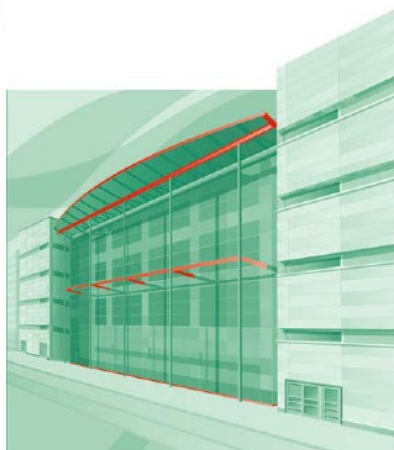
10/20л



216,5л

APPLICATION

Suitable as all-season working fluid, in hydraulic drive and hydraulic control systems for construction, road, logging, lifting, transporting and other machinery, as well as in industrial hydraulic equipment operated outdoors in the Far North, Siberia and moderate temperate climates, with the oil operation temperature from minus 40 °C up to 80 °C depending on the pump type.



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