

BUILT FOR HEAVY WORK.

Heavy-Duty & Off-Highway Lubricants

Diesel engine oil, powershift fluid, gear oil, hydraulic oil, grease and coolant for trucks, construction and mining equipment.

Создано для тяжёлых нагрузок

Грузовики, строительная и горная техника — все масла одной машины

WHY MOTTA

One supplier for the whole machine.

Все масла одной машины от одного поставщика

MOTTA supplies heavy-duty lubricants for export and runs private-label programmes for distributors, fleets and equipment dealers. Direct export supply, produced by our long-term manufacturing partner in China, contracted and invoiced by TIANSHU ENERGY GROUP CO., LIMITED in Hong Kong.

MOTTA поставляет смазочные материалы для тяжёлой техники на экспорт и выпускает продукцию под маркой дистрибьюторов, автопарков и дилеров техники. Прямые экспортные поставки, производство — на нашей долгосрочной производственной площадке-партнёре в Китае; договор и счёт — от TIANSHU ENERGY GROUP CO., LIMITED (Гонконг).

WHAT WE SUPPLY

Diesel engine oil · Powershift fluid · Gear oil

Hydraulic oil · Grease · Coolant

Дизельное моторное масло · жидкость powershift · трансмиссионное масло · гидравлическое масло · смазка · антифриз

15–25

working days to ship

2011

exporting since

EN TDS

for every product

Отгрузка за 15–25 рабочих дней · экспорт с 2011 года · TDS на английском для каждого продукта

RETAIL-PACK SAMPLES

Free; you pay the freight, or it is credited to your first order.

Розничные образцы
бесплатно

CONTAINER PROGRAMMES

Products mixed in one container; trial quantities considered.

Контейнерные программы

FREE LABEL DESIGN

Your brand on 4L, 18L and 200L packs, designed by us.

Бесплатный дизайн этикетки

24-HOUR REPLY

A real person answers every enquiry, weekends included.

Ответ в течение 24 часов



Blending at our long-term manufacturing partner in China

APPLICATION MAP

One machine. Six places that take a lubricant.

Одна машина — шесть точек смазки

WHERE ON THE MACHINE	WHAT THE MANUAL USUALLY SAYS	MOTTA PRODUCT	PACKS
Engine Двигатель	API CK-4, CI-4, CH-4 or CF-4 SAE 15W-40 is the common grade	LIKING heavy-duty diesel oil CF-4 to CK-4, 5W-30 to 20W-50	4L · 18L · 200L
Hydraulics Гидравлические системы	Anti-wear hydraulic oil, HM ISO VG 46 or 68	Y Series anti-wear hydraulic oil ISO VG 10–150, incl. high-pressure and low-zinc	18L · 200L
Powershift transmission, final drive, wet brakes Коробки powershift, бортовые передачи, мокрые тормоза	Caterpillar TO-4 SAE 10 / 30 / 50	TO-4 Series With its own handbook, including wet-brake cautions	18L · 200L
Axles and gearboxes Мосты и редукторы	API GL-5 75W-90 to 85W-140	GL-5 heavy-duty gear oil	4L · 18L · 200L
Pins, bushes, bearings Пальцы, втулки, подшипники	NLGI 2 lithium EP grease	EP grease NLGI 000 to 3; synthetic grades for hot work	15KG · 170KG
Cooling system Система охлаждения	Organic acid (OAT) long-life coolant	OAT coolant Freeze protection -25 / -35 / -45 °C	5KG · 18KG · 200KG

SEND THE MACHINE MODEL. WE MATCH THE OIL.

The equipment maker's manual governs. Send a photo of the manual page: grade, viscosity and pack come back.

Решает руководство по технике — пришлите страницу, и мы назовём марку, вязкость и фасовку.

EVERY SHIFT STARTS IN THE ENGINE.

LIKING diesel engine oils for trucks, excavators, loaders and haul trucks.

Каждая смена начинается с двигателя.

DIESEL ENGINE OILS

LIKING heavy-duty diesel engine oils.

Дизельные масла для тяжёлой техники LIKING

Four API performance levels in one range: CF-4 for older and mixed fleets up to CK-4 for the newest engines. Every grade has its own English technical data sheet.

Одна линейка, четыре уровня API: от CF-4 для старых и смешанных автопарков до CK-4 для новых двигателей. У каждого уровня своя TDS на английском.

LIKING CK-4

Новейшие двигатели

Newest heavy-duty engines and extended service

SAE 5W-30 / SAE 10W-40 / SAE 15W-40

Packs: 4L · 18L · 200L

LIKING CI-4

Двигатели с EGR

EGR-era heavy-duty engines

SAE 15W-40 / SAE 20W-50

Packs: 4L · 18L · 200L

LIKING CH-4

Старые мощные двигатели

Older high-output diesel engines

SAE 15W-40 / SAE 20W-50

Packs: 4L · 18L · 200L

LIKING CF-4

Старые и смешанные автопарки

Older fleets and mixed fleets

SAE 15W-40 / SAE 20W-50

Packs: 4L · 18L · 200L



MOTTA LIKING CK-4 15W-40 · 18L

CK-4 covers most engines that called for CJ-4 or CI-4.

Newer API diesel categories are backward compatible in most engines. The equipment maker's manual governs.

CK-4 обычно подходит двигателям, требующим CJ-4 или CI-4; решает руководство по технике.

PRODUCT TECHNICAL PROFILE

LIKING CK-4 diesel engine oils.

Дизельные моторные масла LIKING CK-4

MOTTA LIKING CK-4

API CK-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 5W-30
MOTTA LIKING CK-4

API CK-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 10W-40
MOTTA LIKING CK-4

API CK-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 15W-40


PROPERTY	UNIT	SAE 5W-30	SAE 10W-40	SAE 15W-40
Kinematic Viscosity @ 40°C	cSt	65	95	113
Kinematic Viscosity @ 100°C	cSt	11.2	14.0	15.0
Viscosity Index		165	153	140
Flash Point (COC)	°C	220	226	228
Pour Point	°C	-39	-33	-27
TBN	mgKOH/g	10.0	10.2	10.4
HTHS Viscosity @ 150°C	mPa·s	3.5	3.8	4.3
Cold Crank Viscosity @ -20°C	mPa·s	—	—	3500

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

LIKING CI-4 and CH-4 diesel engine oils.

Дизельные моторные масла LIKING CI-4 и CH-4

MOTTA LIKING CI-4

API CI-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 15W-40 / SAE 20W-50

MOTTA LIKING CH-4

API CH-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 15W-40

MOTTA LIKING CH-4

API CH-4 Performance-Level Heavy-Duty Diesel Engine Oil

SAE 20W-50



PROPERTY	UNIT	CI-4 SAE 15W-40	CI-4 SAE 20W-50	CH-4 SAE 15W-40	CH-4 SAE 20W-50
Kinematic Viscosity @ 40°C	cSt	112	165	112	165
Kinematic Viscosity @ 100°C	cSt	14.8	19.2	14.8	19.2
Viscosity Index		135	135	135	138
Flash Point (COC)	°C	230	236	230	238
Pour Point	°C	-30	-24	-27	-24
TBN	mgKOH/g	10.0	10.0	10.0	10.0
Density @ 15°C	kg/L	0.876	0.882	0.876	0.882
HTHS Viscosity @ 150°C	mPa·s	—	—	—	4.9

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

LIKING CF-4 diesel engine oils.

Дизельные моторные масла LIKING CF-4

MOTTA LIKING CF-4

API CF-4 Performance-Level Diesel Engine Oil

SAE 15W-40

MOTTA LIKING CF-4

API CF-4 Performance-Level Diesel Engine Oil

SAE 20W-50



PROPERTY	UNIT	SAE 15W-40	SAE 20W-50
Kinematic Viscosity @ 40°C	cSt	112	168
Kinematic Viscosity @ 100°C	cSt	14.8	19.5
Viscosity Index		130	130
Flash Point (COC)	°C	230	240
Pour Point	°C	-27	-24
TBN	mgKOH/g	8.5	8.5
Density @ 15°C	kg/L	0.876	0.882
HTHS Viscosity @ 150°C	mPa·s	—	4.9

TYPICAL VALUES

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POWER HAS TO REACH THE GROUND.

TO-4 fluids for powershift transmissions, final drives and wet brakes.

Мощность должна дойти до грунта.

POWERSHIFT TRANSMISSION FLUIDS

TO-4 powershift transmission fluid.

Жидкости для коробок powershift TO-4

For powershift transmissions, final drives and wet brakes in loaders, dozers and haul trucks. Formulated to Caterpillar TO-4 performance, with the controlled friction wet clutches and brakes need.

Для коробок powershift, бортовых передач и мокрых тормозов погрузчиков, бульдозеров и карьерных самосвалов. Ориентир — свойства Caterpillar TO-4 с нужным трением для мокрых муфт и тормозов.

TO-4 SAE 10

SAE 10

Powershift transmissions and hydraulic systems where SAE 10 is specified

SAE 10

Packs: 18L · 200L

TO-4 SAE 30

SAE 30

Powershift transmissions and wet brakes where SAE 30 is specified

SAE 30

Packs: 18L · 200L

TO-4 SAE 50

SAE 50

Final drives and axles where SAE 50 is specified

SAE 50

Packs: 18L · 200L

Operation handbook **Руководства по применению**

Wet-brake cautions, change intervals and oil-condition checks

English and Chinese

Packs: PDF



MOTTA 200L drum · 18L pail also available

Not engine oil, not hydraulic oil.

In powershift transmissions and wet brakes, the wrong oil commonly causes brake chatter and clutch slip.

В коробках powershift и мокрых тормозах нельзя применять моторное или гидравлическое масло.

PRODUCT TECHNICAL PROFILE

TO-4 Series typical data.

Типичные показатели серии TO-4

MOTTA TO-4 Series

Powershift Transmission Fluid

SAE 10 / SAE 30 / SAE 50



PROPERTY	UNIT	SAE 10	SAE 30	SAE 50
Kinematic Viscosity @ 100°C	cSt	6.3	11.2	18.5
Kinematic Viscosity @ 40°C	cSt	35	100	205
Viscosity Index		105	100	98
Flash Point (COC)	°C	220	230	240
Pour Point	°C	-30	-24	-18
Density @ 15°C	kg/m³	875	890	905
Copper Corrosion, 3 h @ 100°C	rating	1b	1b	1b

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

THE LOAD ENDS AT THE AXLE.

GL-5 gear oils for axles, differentials and final drives.

Весь вес в итоге ложится на мосты.

GEAR OILS

GL-5 gear oils for axles and final drives.

Трансмиссионные масла GL-5 для техники и тяжёлых условий

Hypoid axles, differentials and final drives on trucks, dump trucks and off-highway equipment that call for API GL-5.

Гипоидные мосты, дифференциалы и бортовые передачи грузовиков, самосвалов и внедорожной техники, где требуется API GL-5.

MOTTA GL-5 Series

Трансмиссионные масла для
техники

Automotive gear oil for hypoid axles and gear units

SAE 75W-90 / 80W-90 / 85W-140

Packs: 4L · 18L · 200L

MOTTA LHD GL-5 Series

Трансмиссионное масло для
тяжёлой техники

Heavy-duty gear oil for truck and off-highway axles

SAE 80W-90 / 85W-140

Packs: 4L · 18L · 200L



MOTTA GL-5 85W-140 · 18L

GL-5 is for hypoid axles.

Where a manual gearbox calls for GL-4, follow the manual.

Если для механической коробки указан GL-4, решает руководство.

PRODUCT TECHNICAL PROFILE

GL-5 gear oils typical data.

Типичные показатели масел GL-5

MOTTA GL-5 Series

Automotive Gear Oil

SAE 75W-90 / 80W-90 / 85W-140

MOTTA LHD GL-5 Series

Heavy Duty Gear Oil

SAE 80W-90 / 85W-140



PROPERTY	UNIT	GL-5 SAE 75W-90	GL-5 SAE 80W-90	GL-5 SAE 85W-140	LHD GL-5 SAE 80W-90	LHD GL-5 SAE 85W-140
Kinematic Viscosity @ 100°C	cSt	—	15.0	27.5	15.2	28.0
Kinematic Viscosity @ 40°C	cSt	—	145	410	150	420
Viscosity Index		—	100	95	100	95
Flash Point (COC)	°C	—	220	230	222	232
Pour Point	°C	—	-27	-18	-27	-18
Density @ 15°C	kg/m³	—	900	910	902	912
Copper Corrosion, 3 h @ 100°C	rating	—	1b	1b	1b	1b
FZG Scuffing Load Stage	stage	—	12	12	12	12

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

CONTROL STARTS WHERE PRESSURE BUILDS.

Y Series hydraulic oils for booms, arms, buckets and steering.

Где появляется давление, там начинается контроль.

HYDRAULIC OILS

Y Series anti-wear hydraulic oils.

Противоизносные гидравлические масла серии Y

Excavator, loader and crusher hydraulics. All four grades are formulated to DIN 51524 Part 2 (HM) performance; choose by pressure, zinc limit and climate.

Гидросистемы экскаваторов, погрузчиков и дробилок. Четыре класса по требованиям DIN 51524-2 (HM); выбор по давлению, ограничениям по цинку и климату.

MOTTA Y100

Стандартная противоизносная

Anti-wear HM for general hydraulics

VG 32 / VG 46 / VG 68 / VG 100 / VG 150

Packs: 18L · 200L

MOTTA Y200

Противоизносное для высокого давления

High-pressure pumps and excavator main circuits

VG 10 / VG 22 / VG 32 / VG 46 / VG 68 / VG 100

Packs: 18L · 200L

MOTTA Y300

С низким содержанием цинка

Low zinc (≤500 ppm) where the OEM limits zinc

VG 15 / VG 22 / VG 32 / VG 46 / VG 68 / VG 100 / VG 150

Packs: 18L · 200L

MOTTA Y400

Полностью синтетическое

Full synthetic PAO, VI above 150, cold starts

VG 32 / VG 46 / VG 68 / VG 100

Packs: 18L · 200L



MOTTA Y200 · 18L

ISO VG 46 is the common grade in mobile equipment.

VG 32 for cold climates, VG 68 for hot climates and heavy duty. The OEM manual governs.

Для мобильной техники обычен VG 46; в холоде VG 32, в жару и при высокой нагрузке VG 68.

PRODUCT TECHNICAL PROFILE

MOTTA Y100 hydraulic oil.

Гидравлическое масло MOTTA Y100

MOTTA Y100

Anti-Wear Hydraulic Oil

VG 32 / VG 46 / VG 68 / VG 100 / VG 150



PROPERTY	UNIT	VG 32	VG 46	VG 68	VG 100	VG 150
Kinematic Viscosity @ 40°C	cSt	32	46	68	100	150
Kinematic Viscosity @ 100°C	cSt	5.5	6.8	8.4	11.1	14.5
Viscosity Index		103	100	106	95	95
Pour Point	°C	-24	-24	-18	-18	-17
Flash Point (COC)	°C	212	230	234	243	258

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA Y200 hydraulic oil.

Гидравлическое масло MOTTA Y200

MOTTA Y200

High Pressure Anti-Wear Hydraulic Oil

VG 10 / VG 22 / VG 32 / VG 46 / VG 68 / VG 100



PROPERTY	UNIT	VG 10	VG 22	VG 32	VG 46	VG 68	VG 100
Kinematic Viscosity @ 40°C	cSt	11	22	31.4	44.2	71.2	95.2
Kinematic Viscosity @ 100°C	cSt	2.6	4.5	5.4	6.6	8.5	10.8
Viscosity Index		98	98	98	98	98	98
Pour Point	°C	-30	-30	-27	-27	-21	-20
Flash Point (COC)	°C	173	200	220	232	235	248
Density @ 15°C	kg/L	0.844	0.861	0.87	0.875	0.882	0.887

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA Y300 hydraulic oil.

Гидравлическое масло MOTTA Y300

MOTTA Y300

Low Zinc Hydraulic Oil

VG 15 / VG 22 / VG 32 / VG 46 / VG 68 / VG 100 / VG 150



PROPERTY	UNIT	VG 15	VG 22	VG 32	VG 46	VG 68	VG 100	VG 150
Kinematic Viscosity @ 40°C	cSt	15.6	22.4	32.8	45.6	68.3	99.8	155.6
Kinematic Viscosity @ 100°C	cSt	4.08	5.07	6.64	8.45	11.17	13	17.15
Viscosity Index		168	164	164	164	156	127	120
Pour Point	°C	-54	-53	-53	-45	-39	-33	-30
Flash Point (COC)	°C	180	223	250	232	239	258	257
Density @ 15°C	kg/L	0.837	0.842	0.845	0.85	0.862	0.877	0.882

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA Y400 hydraulic oil.

Гидравлическое масло MOTTA Y400

MOTTA Y400

Full Synthetic Hydraulic Oil

VG 32 / VG 46 / VG 68 / VG 100



PROPERTY	UNIT	VG 32	VG 46	VG 68	VG 100
Kinematic Viscosity @ 40°C	cSt	32	46	68	100
Kinematic Viscosity @ 100°C	cSt	6.3	8.2	11.51	15.94
Viscosity Index		145	155	158	160
Pour Point	°C	-56	-51	-53	-52
Flash Point (COC)	°C	233	234	241	243

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PROTECTION THAT STAYS IN PLACE.

Greases for pins, bushes and bearings under load, water and dirt.

Держится на поверхности и защищает.

GREASES

Greases for pins, bushes and bearings.

Смазки для пальцев, втулок и подшипников

From everyday EP lithium grease for pins and bushes to synthetic complex greases for heavy load, heat and contamination. 15KG pails and 170KG drums.

От повседневной литиевой EP-смазки для пальцев и втулок до синтетических комплексных смазок для высоких нагрузок, температур и загрязнения. Вёдра 15KG и бочки 170KG.

MOTTA EP

Литиевая EP-смазка

Lithium EP grease, DIN 51825 KP

NLGI 000 / NLGI 00 / NLGI 0 / NLGI 1 / NLGI 2 / NLGI 3

Packs: 15KG · 170KG

MOTTA EP NLGI 2

Универсальная смазка

Pins, bushes and bearings, DIN 51825 KP2K

NLGI 2

Packs: 15KG · 170KG

MOTTA SG Series

Синтетическая комплексная
смазка

Synthetic PAO complex grease: heavy load, water, dirt

NLGI 1 / NLGI 2 / NLGI 3 · +7 grades

Packs: 15KG · 170KG

MOTTA GT Series

Синтетическая
высокотемпературная смазка

High-temperature synthetic grease, sustained service
above 120 °C

NLGI 1 / NLGI 2 · +3 grades

Packs: 15KG · 170KG



MOTTA EP NLGI 2 · 15KG

Purge the old grease when you change type.

Lithium and lithium-complex usually mix; other thickeners may not, and a bad mix softens and runs out.

Меняя тип смазки, сначала полностью удалите старую.

PRODUCT TECHNICAL PROFILE

MOTTA EP lithium greases.

Литиевые EP-смазки MOTTA

MOTTA EP

General Purpose Lithium EP Grease

NLGI 000 / NLGI 00 / NLGI 0 / NLGI 1 / NLGI 2 / NLGI 3

MOTTA EP

EP Lithium Grease

NLGI 2



PROPERTY	UNIT	NLGI 000	NLGI 00	NLGI 0	NLGI 1	NLGI 2	NLGI 3	EP NLGI 2
Thickener Type		Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
Colour / Appearance		Brown	Brown	Brown	Brown	Brown	Brown	Brown
Worked Penetration @ 25°C	0.1mm	456	415	368	322	265–295	234	265–295
Base Oil Viscosity @ 40°C	cSt	320	160	160	160	160	160	160
Penetration (worked, 60 str)	0.1mm	—	—	—	—	—	—	265–295
Drop Point	°C	—	—	—	—	—	—	>200
4-Ball Weld Load	N	—	—	—	—	—	—	≥2500
Water Wash-out @ 79°C	% wt	—	—	—	—	—	—	≤10

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA SG synthetic greases.

Синтетические смазки MOTTA SG

MOTTA SG Series

High Performance Synthetic Grease

NLGI 1 / NLGI 2 / NLGI 3

MOTTA SG100

Synthetic Lithium Complex Grease SG100

NLGI 2

MOTTA SG220

Synthetic Lithium Complex Grease SG220

NLGI 2

MOTTA SG221

Synthetic Lithium Complex Grease SG221

NLGI 1

PROPERTY	UNIT	SG NLGI 1	SG NLGI 2	SG NLGI 3	SG100 NLGI 2	SG220 NLGI 2	SG221 NLGI 1
Worked Penetration	0.1 mm	310–340	265–295	220–250	—	—	—
Dropping Point	°C	260	260	260	262	265	265
Four-Ball Wear Scar	mm	0.50	0.48	0.46	—	—	—
Water Washout @ 79°C	%	5	5	4	—	—	—
Copper Corrosion	rating	1b	1b	1b	—	—	—
Rust Prevention		Pass	Pass	Pass	—	—	—
Thickener Type		—	—	—	Lithium Complex (synthetic base)	Lithium Complex (synthetic base)	Lithium Complex (synthetic base)
Colour / Appearance		—	—	—	Red	Red	Light amber

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA SG synthetic greases (continued).

Синтетические смазки MOTTA SG (продолжение)

MOTTA SG460 Synthetic Lithium Complex Grease SG460 NLGI 1.5	MOTTA SG460S Synthetic Lithium Complex Grease SG460S NLGI 00	MOTTA SG1000 Synthetic Lithium Complex Grease SG1000 NLGI 2	MOTTA SG1500 Synthetic Lithium Complex Grease SG1500 NLGI 1.5
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PROPERTY	UNIT	SG460 NLGI 1.5	SG460S NLGI 00	SG1000 NLGI 2	SG1500 NLGI 1.5
Thickener Type		Lithium Complex (synthetic base)	Lithium Complex (synthetic base)	Lithium Complex (synthetic base)	Lithium Complex (synthetic base)
Colour / Appearance		Red	Red	Grey-black	Red
Worked Penetration @ 25°C	0.1mm	300	410	283	300
Dropping Point	°C	265	—	265	265
Base Oil Viscosity @ 40°C	cSt	460	460	1000	1500

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

PRODUCT TECHNICAL PROFILE

MOTTA GT high-temperature greases.

Высокотемпературные смазки MOTTA GT

MOTTA GT Series

High Temperature Synthetic Grease

NLGI 1 / NLGI 2

MOTTA GT15

High-Temperature Synthetic Grease

NLGI 1.5

MOTTA GT20

High-Temperature Synthetic Grease

NLGI 2

MOTTA GT100S

High-Temperature Synthetic Grease

NLGI 1

PROPERTY	UNIT	GT NLGI 1	GT NLGI 2	GT15 NLGI 1.5	GT20 NLGI 2	GT100S NLGI 1
Worked Penetration	0.1 mm	310–340	265–295	—	—	—
Dropping Point	°C	280	280	260	260	260
Four-Ball Wear Scar	mm	0.50	0.48	—	—	—
Water Washout @ 79°C	%	6	5	—	—	—
Copper Corrosion	rating	1b	1b	—	—	—
Rust Prevention		Pass	Pass	—	—	—
Thickener Type		—	—	Clay (PAO base)	Clay (PAO base)	Clay (PAO base)
Colour / Appearance		—	—	Red	Light brown	Grey

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. “—” means no value is published for that grade.

MOTTA®

GLOBAL LUBRICATION POWER

KEEP THE HEAT UNDER CONTROL.

OAT long-life coolant for heavy-duty engines.

Держать тепло в заданных пределах.

COOLANTS

OAT long-life coolant.

Карбоксилатный антифриз длительного срока

Organic acid technology coolant for trucks, construction equipment and industrial engines, with year-round corrosion protection. Referenced to ASTM D3306 / D6210.

Карбоксилатный антифриз длительного срока для грузовиков, техники и промышленных двигателей, круглогодичная защита от коррозии; ориентир ASTM D3306 / D6210.

OAT -25 °C

Жаркий климат

Warm and tropical climates

Freeze protection -25 °C

Packs: 1.5KG · 5KG · 18KG · 200KG

OAT -35 °C

Умеренный климат

Temperate climates

Freeze protection -35 °C

Packs: 1.5KG · 5KG · 18KG · 200KG

OAT -45 °C

Холодный климат

Cold climates and winter operation

Freeze protection -45 °C

Packs: 1.5KG · 5KG · 18KG · 200KG

Operation handbook Руководства по применению

Filling, top-up, concentration checks and change intervals

English and Chinese

Packs: PDF



MOTTA OAT -45 °C · 18kg

Changing coolant type? Flush first.

Do not top up a silicate or hybrid coolant with OAT. Drain, flush, then fill, as the vehicle maker specifies.

Смена типа антифриза требует слива и промывки: не смешивайте.

PRODUCT TECHNICAL PROFILE

OAT coolant typical data.

Типичные показатели антифриза OAT

MOTTA OAT Series

Organic Acid Technology Coolant

-25°C / -35°C / -45°C



PROPERTY	UNIT	-25°C	-45°C
Appearance		Clear coloured liquid	Clear coloured liquid
Freezing Point	°C	-25	-45
Density @ 20°C	g/cm³	1.050	1.075
pH	50% v/v	8.3	8.4
Boiling Point	°C	108	112
Glycol Content	% wt	38	55

TYPICAL VALUES

Values of current production from the published English TDS; the batch COA ships with every order. -35°C: typical values sent with your quote.

QUALITY

Quality you can check for yourself.

Качество, которое вы можете проверить сами

We would rather you verify than take our word for it. Every point below is something you can check before, or on, your first order.

Не верьте на слово — проверьте. Каждый пункт ниже можно проверить до заказа или на первой поставке.

BATCH COA WITH EVERY ORDER

Each shipment carries the certificate of analysis for its batch. Compare it with the published TDS.

COA на каждую партию — сверяется с TDS

DOCUMENTS BEFORE YOU BUY

125 technical data sheets and 22 operation handbooks are public at motta-lube.com, no form to fill.

TDS и руководства опубликованы до заказа

SEE THE PRODUCTION

Visit the plant, or ask for a live video audit, before you commit to an order.

Визит на производство или видеоаудит до заказа

TEST IT FIRST

Retail-pack samples free for your own lab. You pay the freight, or it is credited to your first order.

Розничные образцы бесплатно: проверьте в своей лаборатории



Laboratory at our long-term manufacturing partner in China

ASK FOR THE SAMPLE, THE COA AND A VIDEO AUDIT.

Tell us the product and your port. We send the sample and the documents, and book the audit at a time that suits you.

Назовите продукты и порт — вышлем образцы и документы, назначим видеоаудит.

DOCUMENTS & ORDERING

Everything a buyer asks for, ready.

Все документы, которые нужны закупке

TECHNICAL DATA SHEET

An English TDS for every product, downloadable at motta-lube.com without a form.

Технические описания

OPERATION HANDBOOK

Use, storage and oil-change guidance for each series, in English and Chinese.

Руководства по применению и обращению

SAFETY DATA SHEET

The SDS comes with your quote, in the language your market needs.

Паспорта безопасности

CERTIFICATE OF ANALYSIS

A batch COA ships with every order.

COA на партию

PACKS BY PRODUCT

Diesel engine oil and gear oil: 4L · 18L · 200L Hydraulic oil and TO-4: 18L · 200L

Grease: 15KG · 170KG Coolant: 1.5KG · 5KG · 18KG · 200KG

Моторные и трансмиссионные 4L · 18L · 200L; гидравлические и TO-4 18L · 200L; смазки 15KG · 170KG

HOW TO ORDER

1

Send the machine or the spec

Model, manual photo, or the oil you use today.

2

Get the grade and a price

Answered within 24 hours, weekends included.

3

Approve the sample and label

Retail-pack samples free. Free label design for your brand.

4

Ship in 15–25 working days

T/T: 30% deposit, balance before shipment. FOB Xiamen; CFR and CIF quoted.

TELL US THE MACHINE. WE DO THE REST.

Machine model, a photo of the manual, rough volume and destination port. You get the grade, the data sheet and a price within 24 hours.

Модель, фото руководства, примерный объём, порт назначения — марка, TDS и цена в течение 24 часов

EXPORT TEAM

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Edition 2026-09 | EN-RU