HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Automotive and Industrial Lubricants

ENGINEERED FOR PERFORMANCE



HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Petrol Engine Oil SAE 20W50, API SL

A highly shear-stable, multi grade gasoline engine oil formulated from selected base fluids for use in passenger car and light truck engines requiring API SL

Typical Properties

TEST PARAMETER	METHODS	RESULT	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	L2.0	---
DENSITY @ 15°C	ASTM D 4052-11	0.8901	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	183.5	mm^2/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	19.74	mm^2/s
VISCOSITY INDEX	ASTM D 2270-10	124	---
TOTAL BASE NUMBER	20W	7.52	Mg KOH/g
COLD CRANKING SIMULATOR(CCS) @-20°C	ASTM D 5293-15	8653	M Pa. S
CALCIUM	ASTM D5185	2550	ppm
PHOSPHOROUS	ASTM D5185	740	ppm
ZINC	ASTM D5185	840	ppm
POUR POINT	ASTM D 97-17a	-24	°C
FLASH POINT	ASTM D 93	230	°C



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PRODUCT CATALOG

ENGINE OIL

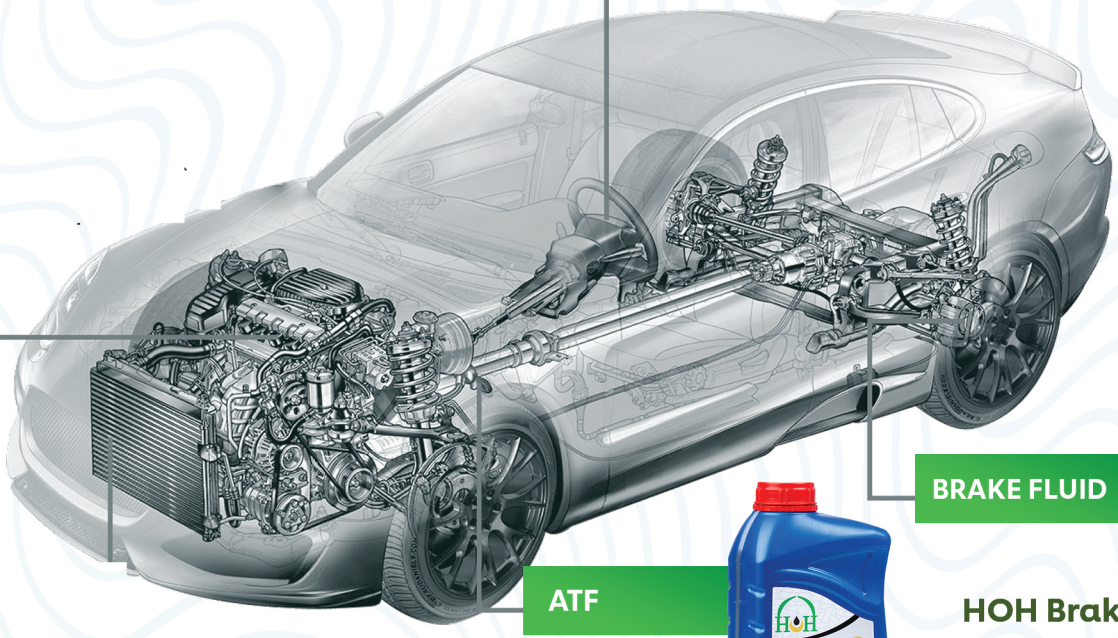


HOH Petrol Engine Oil
SAE 20W50, API SL

STEERING OIL



HOH ATF DEXTRON II



BRAKE FLUID



HOH Brake Fluid DOT 4

ATF

HOH ATF DEXTRON II

HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Diesel Engine oil SAE 15W40, API CI-4

A high performance, multi grade heavy-duty diesel engine oil specifically designed to lubricate a wide range of diesel engines

Typical Properties

TEST PARAMETER	METHODS	RESULT	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	L2.0	---
DENSITY @ 15°C	ASTM D 4052-11	0.8867	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	118.4	mm^2/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	15.37	mm^2/s
VISCOSITY INDEX	ASTM D 2270-10	136	---
TOTAL BASE NUMBER	ASTM D 2896	11.6	Mg KOH/g
COLD CRANKING SIMULATOR(CCS) @-20°C	ASTM D 5293-15	5465	M Pa. S
CALCIUM	ASTM D5185	2780	ppm
PHOSPHOROUS	ASTM D5185	750	ppm
ZINC	ASTM D5185	840	ppm
POUR POINT	ASTM D 97-17a	-27	°C
FLASH POINT	ASTM D 93	220	°C

EXTENDED ENGINE LIFE

CERTIFIED

HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Diesel Engine oil SAE 30,40,50 API CF

A high performance, mono grade heavy-duty diesel engine oil specifically designed to lubricate a wide range of diesel engines

Typical Properties

TEST PARAMETER	METHODS	RESULT			UNITS
		SAE 30	SAE 40	SAE 50	
APPEARANCE	VISUAL	B&C			---
COLOR	VISUAL	L2.5			---
DENSITY @ 15°C	ASTM D 4052-11	0.897	0.8988	0.8972	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	110.7	147.1	191.8	mm²/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	11.62	15.25	19.79	mm²/s
VISCOSITY INDEX	ASTM D 2270-10	91	105	119	---
TOTAL BASE NUMBER	ASTM D 2896	11	11.2	11.2	Mg KOH/g
POUR POINT	ASTM D 97-17a	-22	-22	-22	°C
FLASH POINT	ASTM D 93	228	228	30	°C



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HOH Diesel Engine oil
SAE 15W40, API CI-4

ENGINE OIL



HOH ATF DEXTRON II

STEERING OIL



BRAKE FLUID

HOH Brake Fluid DOT 4

DIFFERENTIAL OIL



HOH Gear Oil SAE 140,
API GL-4



GEAR OIL

HOH Gear Oil SAE 90
API GL-4

HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Gear Oil SAE 90, API GL-4

A high performance, heavy duty automotive gear lubricant formulated from high quality base oils and an advanced additive system

Typical Properties

TEST PARAMETER	METHODS	RESULT	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	L2.0	---
DENSITY @ 15°C	ASTM D 4052-11	0.8927	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	135	mm²/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	14.25	mm²/s
VISCOSITY INDEX	ASTM D 2270-10	104	---
POUR POINT	ASTM D 97-17a	-21	°C
FLASH POINT	ASTM D 93	232	°C



HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Gear Oil SAE 140, API GL-4

A high performance, heavy duty automotive gear lubricant formulated from high quality base oils and an advanced additive system

Typical Properties

TEST PARAMETER	METHODS	RESULT	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	L2.0	---
DENSITY @ 15°C	ASTM D 4052-11	0.8927	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	135	mm^2/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	14.25	mm^2/s
VISCOSITY INDEX	ASTM D 2270-10	104	---
POUR POINT	ASTM D 97-17a	-21	°C
FLASH POINT	ASTM D 93	232	°C

GREAT PERFORMANCE

CERTIFIED

HOH Automotive and Industrial Lubricants

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HOH Grease NLGI EP-3

is a high performance multi purpose grease with NLGI grade 3, formulated from lithium soap to provide protection against wear

Typical Properties

TEST PARAMETER	METHODS
Color	Yellow
NLGI	3
Penetration (under 25℃×10mm)	235 -285℃
Temperature	-60 (+180℃ until +200℃
Dropping point ASTM D-566	180℃
Kinematic viscosity of the base oil at 40℃	340 mm2s (cSt)
Shelf life	5 years



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HOH ATF DEXTRON II

A high performance fluid for automatic transmission vehicles specifiying dextron II and is also used as hydraulic fluid in specific applications

Typical Properties

TEST PARAMETER	METHODS	RESULT	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	RED	---
DENSITY @ 15°C	ASTM D 4052-11	0.8654	g/m L
KINEMATIC VISCOSITY @40°C	ASTM D 445-12	41.34	mm^2/s
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	6.9	mm^2/s
VISCOSITY INDEX	ASTM D 2270-10	125	---
POUR POINT	ASTM D 97-17a	-30	°C
FLASH POINT	ASTM D 93	206	°C



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HOH Brake Fluid DOT 4

is suitable for all disc, drum and anti-skid breaking system used in average to high performance vehicles requiring DOT 3 or DOT 4 performance

Typical Properties

TEST PARAMETER	METHODS	RESULTS	UNITS
APPEARANCE	VISUAL	B&C	---
COLOR	VISUAL	L0.5	---
DENSITY @ 15°C	ASTM D 4052-11	1.12	g/mL
KINEMATIC VISCOSITY @100°C	ASTM D 445-12	2.2	mm^2/s
pH	ASTM D664	7.5	---
BOILING POINT	ASTM D 1120	236	°C



HOH Automotive and Industrial Lubricants

PRODUCT CATALOG



HOH Hydraulic Oil ISO VG 46 & 68

A premium quality anti-wear hydraulic oils intended for industrial and mobile service applications where anti-wear lubricants are required

Typical Properties

TEST PARAMETER	METHODS	RESULT		UNITS
		ISO VG 46	ISO VG 68	
Viscosity @ 40°C	ASTM D 445	46	68	cSt
Viscosity @ 100°C	ASTM D 445	7	8.6	cSt
Viscosity index	ASTM D 2270	95	95	---
Pour point	ASTM D 97	-18	-15	°C
Flash point	ASTM D 92	220	230	°C
Density @ 20°C	ASTM D 4052	0.87	0.875	kg/l



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HOH Industrial Oils

We also have the following Industrial Oils

- HOH Heat Transfer Oil 32,46
- HOH Cutting Fluid
- HOH Transformer Oil
- HOH Gear Oil ISO VG 68,100,150, 220, 320, 460
- HOH Compressor Oil 46, 68
- HOH Universal Tractor Transmission Oil 10W30, API GL-4




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GERMAN Technology

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