

# Product Data Sheet

## Maximum™ TAP-15B

Transmission oil

### Product description

Maximum™ TAP-15B is a thick mineral oil made by mixing refined hydrocarbons with distillate oil, working well under high pressure (up to 2000 MPa) and high temperatures (up to 130°C) in tight spaces. Ideal for vehicle transmissions and industrial equipment like conveyors, it provides effective lubrication for gears.

### Application

Maximum™ TAP-15B is specifically intended for application in truck transmissions and industrial equipment (such as conveyors, handling devices, and related machinery) for lubricating spur, spiral bevel, and worm gears. In the average climatic zone, it is used year-round, even at temperatures as low as -25°C.

### Features & Benefits

- Effective deposit prevention
- Minimal volatility at elevated operational temperatures
- Dependable shield against wear and corrosion
- Strong anti-foam characteristics

### Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm3	GOST 3900	0.894
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	GOST 33	15
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	GOST 33	157.7
Viscosity Index	-	GOST 25371	95
Flash Point (COC)	°C	GOST 4333	230
Pour Point	°C	GOST 20287	-20

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

## Performance claims

- API GL-3
- SAE 90

## Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.maximumlube.com](http://www.maximumlube.com)

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 1000 L Container

## Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

## Notes

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.





## HEXOL TIN 220 - TIN 320

ИНДУСТРИАЛЬНОЕ ТРАНСМИССИОННОЕ МАСЛО

### ОПИСАНИЕ ПРОДУКТА

HEXOL TIN 220 и TIN 320 это индустриальное трансмиссионное масло производится извысокоочищенных минеральных базовых масел и сбалансированной системой присадок (антиоксидантов, анти-износ, анти-коррозии и пено-предотвращающих добавок).

HEXOL TIN 220 и TIN 320 имеет отличную грузоподъемность, антифрикционные характеристики, а также защищает от коррозии и ржавчины.

### ЭКСПЛУАТАЦИОННЫЕ ХАРАКТЕРИСТИКИ

- отвечает DIN 51517-3 (CLP), ISO-L-CKC, ISO 12925-1 CKC, API GL-4;
- хорошая термическая и окислительная стабильность;
- отличное антикоррозийное ингибирирование;
- высокоэффективные присадки для предотвращения чрезмерного износа;
- хорошее грузоподъемность;
- хорошая деэмульгирующая способность.

### ПРИМЕНЕНИЕ

HEXOL TIN 220 и TIN 320 это индустриальное трансмиссионное масло применяться в машинах которые работают под высокими нагрузками и большими скоростями, а высокая относительная скорость скольжения и нормальные рабочие температуры являются типичными.

### СВОЙСТВА

Класс вязкости ISO	220	320
Плотность при 15 ° C [кг / м <sup>3</sup> ]	915	920
Кинематическая вязкость при 40°C[мм <sup>2</sup> /с]	198 - 242	288 - 355
Точка возгорания [°C ]мин	245	280
Температура застывания[°C ]макс	-20	-12

### УПАКОВКА

<input type="checkbox"/> 0.4Kg	<input type="checkbox"/> 1Kg	<input type="checkbox"/> 4Kg	<input type="checkbox"/> 15Kg	<input type="checkbox"/> 180Kg	<input type="checkbox"/> 1L	<input type="checkbox"/> 3L
<input type="checkbox"/> 0.23L	<input type="checkbox"/> 0.45L	<input type="checkbox"/> 0.5L	<input type="checkbox"/> 0.6L	<input type="checkbox"/> 0.9L	<input checked="" type="checkbox"/> 208L	<input type="checkbox"/> 1000L
<input type="checkbox"/> 4L	<input type="checkbox"/> 5L	<input checked="" type="checkbox"/> 10L	<input checked="" type="checkbox"/> 20L	<input checked="" type="checkbox"/> 60L		



## HEXOL TIN 68 - TIN 100 – TIN 150

ИНДУСТРИАЛЬНОЕ ТРАНСМИССИОННОЕ МАСЛО

### ОПИСАНИЕ ПРОДУКТА

HEXOL TIN 68, TIN 100 и TIN 150 это индустриальное трансмиссионное масло производится из высокочищенных минеральных базовых масел и сбалансированной системой присадок (антиоксидантов, анти-износ, анти-коррозии и пеногенерирующих добавок).

HEXOL TIN 68, TIN 100 и TIN 150 имеет отличную грузоподъемность, антифрикционные характеристики, а также защищает от коррозии и ржавчины.

### ЭКСПЛУАТАЦИОННЫЕ ХАРАКТЕРИСТИКИ

- отвечает DIN 51517-3 (CLP), ISO-L-CKC, ISO 12925-1 CKC, API GL-4;
- хорошая термическая и окислительная стабильность;
- отличное антикоррозийное ингибирирование;
- высокоэффективные присадки для предотвращения чрезмерного износа;
- хорошее грузоподъемность;
- хорошая деэмульгирующая способность.

### ПРИМЕНЕНИЕ

HEXOL TIN 68, TIN 100 и TIN 150 это индустриальное трансмиссионное масло применяется в машинах которые работают под высокими нагрузками и большими скоростями, а высокая относительная скорость скольжения и нормальные рабочие температуры являются типичными.

### СВОЙСТВА

Класс вязкости ISO	68	100	150
Плотность при 15 °C [кг / м <sup>3</sup> ]	895	905	915
Кинематическая вязкость при 40°C[мм <sup>2</sup> /с]	61,2 - 74,8	90 - 110	135 - 165
Точка возгорания [°C ]мин	220	230	240
Температура застывания[°C ]макс	-30	-21	-20

### УПАКОВКА

<input type="checkbox"/> 0.4Kg	<input type="checkbox"/> 1Kg	<input type="checkbox"/> 4Kg	<input type="checkbox"/> 15Kg	<input type="checkbox"/> 180Kg		
<input type="checkbox"/> 0.23L	<input type="checkbox"/> 0.45L	<input type="checkbox"/> 0.5L	<input type="checkbox"/> 0.6L	<input type="checkbox"/> 0.9L	<input type="checkbox"/> 1L	<input type="checkbox"/> 3L
<input type="checkbox"/> 4L	<input type="checkbox"/> 5L	<input checked="" type="checkbox"/> 10L	<input checked="" type="checkbox"/> 20L	<input checked="" type="checkbox"/> 60L	<input checked="" type="checkbox"/> 208L	<input type="checkbox"/> 1000L

# Product Data Sheet

## Maximum™ HydroMax HLP 46

Hydraulic oil

### Product description

Maximum™ HydroMax HLP 46 represents an outstanding hydraulic fluid formulated with top-tier base oils and an advanced additive combination. Tailored for high-pressure and high-output hydraulic systems, it ensures prolonged durability, exceptional wear resistance, and efficient deposit control across a wide range of applications.

### Application

- Hydraulic systems critical to deposit build-up or where sludge and deposits form with conventional products
- Hydraulic systems requiring a high load-carrying capability and anti-wear protection, and where thin oil-film corrosion protection is an asset
- Where small amounts of water are unavoidable
- Systems containing gears and bearings
- Machines employing a wide range of components using various metallurgy

### Features & Benefits

- Exceptional thermal and oxidation stability
- Superior wear resistance
- Enhanced corrosion protection
- Controlled demulsibility
- Excellent anti-foam properties
- Neutral to seal materials

### Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.878
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	46
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	6.8
Viscosity Index	-	ASTM D2270	100
Flash Point (COC)	°C	ASTM D92	230
Pour Point	°C	ASTM D97	-24

Typical property characteristics are based on current production. Whilst future production will conform to Maximum™ specifications, variations in these characteristics may occur.

## Performance claims

- DIN 51524 -2
- ISO 11158 (HM)
- ISO 6743/4 (HM)
- GB 11118.1-2011
- SAE - MS 1004
- US STEEL 126/127
- Bosch Rexroth RDE 90235
- Denison HF-0/HF-1/HF-2
- Eaton E-FDGN-TB002-E
- Fives Cincinnati P70
- ASTM D6158 (HM)
- JCMAS P041 HK
- GM LS-2
- SEB 181222

## Health, Safety & Environment

### • Health and Safety

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### • Protect the Environment

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