

TRACTOR OIL 15W-40

SUPER TRACTOR OIL UNIVERSAL (STOU)

BULWARK TRACTOR OILS are superior multi-grade multi-function oils specifically designed to lubricate most parts (engines included - up to API CG-4) on farm machinery - especially the tractors from most manufacturers requiring STOU (Super Tractor Oil Universal) Oils.

BULWARK TRACTOR OIL SAE 15W-40 is suitable to use on most farm equipment – gasoline and diesel engines, transmission, clutch units, wet brakes, hydraulic systems, mechanical final drives and power take-offs especially on tractors. It has improved extreme pressure properties which provide superior protection against wear. Resistance to oxidation and thermal degradation is outstanding and ensures protection against sludge and varnish deposits & resists foaming. It also performs well in 4VD manual transmissions. However, it is not suitable for use on equipment with heavily loaded drives where the manufacturers specify EP oils of API GL-5.

PERFORMANCE LEVEL*

- API CG-4, API GL-4, CATERPILLAR: TO-2
- John Deere J20C, J20D, J27; API CF-4, MB 227.1, ACEA E3;
- Ford M2C86B, M2C86C; Ford M2C134D;
- JJ Case MS-1204,1206,1207,1209; CNH MAT 3525, 3526;
- Massey ferguson M1135, M1139, M1143, M1144, M1145;
- CAT TO-2; Allison C-4; ZF TE-ML 06A, 06B, 06C, 07B;
- Ford M2C159B, M2C159C; Eaton M2950S, I-280-S

KEY BENEFITS

- Anti-wear protection & multi-grade performance - suitable for all year use
- Higher detergency and excellent dispersant properties keep the engine cleaner and free from sludge's and deposits in severe applications
- Special friction modifier component allows smooth operation minimizes squawk and chatter in wet brake systems and PTOs
- Reduces wear of gears, pumps and hydraulic valves
- High level of oxidation resistance and lubricant stability ensures longer oil life
- Provides efficient engagement of power take off clutches, thereby minimizing wear
- Excellent protection against corrosion & rust formation

TYPICAL CHARACTERISTICS**

Properties	Test Methods	15W-40
Density @ 29.5°C, Kg/m3	ASTM D4052	0.878
Kinematic Viscosity @ 100°C cSt	ASTM D7042	14.30
Viscosity Index	ASTM D2270	139
Cold Cranking Viscosity at -20°C, mPa-s	ASTM D5293	5300
Sulphated Ash, %	ASTM D874	1.30
Flash Point, COC, °C	ASTM D92	232
Foam Stability	ASTM D892	
Seq I		0/0
Seq II		0/0
Seq III		0/0
Pour Point, °C	ASTM D97	-39
Total Base Number, mg KOH/g	ASTM D2896B	10.70

* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

** Typical Characteristics are typical values. Minor variations within the permissible tolerance limits maybe expected on the final product.

STORAGE

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

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. Material 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 either Bulwark International UK Ltd or its subsidiaries 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. Please consult our local representative if you require any further information.

Bulwark International UK Ltd, 34 Woodland Road, Sawston, CB22 3DU, United Kingdom. info@bulwarkauto.co.uk