SAWCRAFT
SAWBLADES, MACHINES & OILS

Sawcraft UK Ltd.
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Sawcraft Hydraulic Oil 32 and 46 Technical Data Sheet V10/2026C

Mineral oil based anti-wear hydraulic oils
Product code: Hydraulic Oil 32 and Hydraulic Oil 46

Product Description:

Sawcraft Hydraulic Oil 32 is manufactured from highly refined base stocks which possess good oxidation resistance and thermal stability. They are fortified with carefully selected additives to further improve performance characteristics including anti-corrosion to protect the system should water be present, anti-wear to reduce wear in pumps used in hydraulic systems, antioxidants and antifoam.

Benefits:

- Incorporates inhibitors for protection against all forms of corrosion
- Good anti-foaming and air release properties
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Suitable for the majority of hose materials

Applications:

Sawcraft Hydraulic Oil 32 is suitable for a wide variety of applications. These include industrial hydraulic systems, agricultural and plant equipment, mobile units such as jacks, lightly loaded gears and many others.

Product Specification:

DIN	51524 Part 2, category HLP
ISO	6743/4, category HM
Denison	HF-2 TP-02100 Filterability Test
Sperry Vickers	M-2950-S I-286-S
Afnor	NF E 48-600
Thyssen	TH N-256132
US Steel	127
SEB	181.222
VDMA	24318

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Typical Test Data:

Sawcraft Hydraulic Oil						**32**	**46**
Specific Gravity @ 15.6˚C						0.873	0.878
Kinematic Viscosity @ 40˚C (cSt)						32.0	46.0
Kinematic Viscosity @ 100˚C (cSt)						5.36	6.75
Viscosity Index						100	100
Flash Point (COC ˚C)						215	220
Pour Point (˚C)						-33	-32

Health and Safety:

Please refer to the relevant safety data sheet, a copy of which is freely available to all our customers.