



SIDHE PETROCHEMICALS PVT LTD

Factory: RS No. 445, 446 Paiki -1, 446 Paiki-2, 448,449, Village- Bhimasar, Ta- Anjar, Dist- Kutch, Gujarat -370240
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SPPL MAXHYDRO AW-32/46/68

**ANTI-WEAR
HYDRAULIC OILS**

PRODUCT DESCRIPTION

SPPL MAXHYDRO AW ranges of hydraulic oils are based on high purity mineral oil & additives enhanced with anti-wear agents. They are formulated to deliver good performance in a range of hydraulic components used in systems subjected to moderate operating conditions. It also gives good water separation properties.

FEATURES AND BENEFITS

- Offer superior anti-wear performance, protects, and prolongs pump life
- Good rust and corrosion protective properties, reduces negative effects of moisture in systems
- Good thermal and oxidative stability.
- Anti-foam additives help maintain full fluid flow
- Retain high levels of cleanliness.
- Good compatibility with elastomers.
- Oxidation inhibitor keeps hydraulic system clean by preventing deposit formation
- VI improver additives help high viscosity temperature stability

APPLICATION

- Systems using gear, vane, radial and axial piston pumps, and those containing gears and bearings where mild anti-wear characteristics are required
- Plastic molding machinery, metal working machine tools, construction equipment, material handling equipment, hydraulic elevators
- Sppl maxhydro AW Series oils can also be used as general-purpose lubricating oils for use in gearboxes, general machinery, and bearings



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PERFORMANCE STANDARDS

Vickers V-104C vane pump test, DIN – 51524 –Part 2, Denision HF-O, HF-1, HF-2, BIS: 10522 – 1983
(Reaffirmed 2014)

PROPERTIES AND SPECIFICATIONS

PRODUCT	SPPL MAXHYDRO AW 32	SPPL MAXHYDRO AW 46	SPPL MAXHYDRO AW 68
<i>Grade</i>	ISO 32	ISO 46	ISO 68
<i>Density@29.5°C, g/ml, ASTM D4052</i>	0.87	0.877	0.880
<i>FZG Scuffing, Fail Stage, DIN 51354</i>	10	10	10
<i>Flash Point, Cleveland Open Cup, °C, ASTM D92</i>	224	228	238
<i>Kinematic Viscosity @ 100 C, mm²/s, ASTM D445</i>	5.2	6.9	8.8
<i>Kinematic Viscosity @ 40 C, mm²/s, ASTM D445</i>	30.2	46.1	67.9
<i>Pour Point, °C, ASTM D97</i>	-18	-15	-12
<i>Viscosity Index, ASTM D2270</i>	102	103	103

HEALTH AND SAFETY

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS)