

Signature® AW Hydraulic 100

Product Data Sheet



Product Description: Signature® AW Hydraulic 100 is formulated with premium base oil technology and designed to give robust protection to hydraulic pumps in mobile and stationary systems.

Benefits: Signature® AW Hydraulic 100 delivers value through:

- Long equipment life
- Minimized downtime
- Smooth operation
- Optimal oil service life

Features: Signature® AW Hydraulic 100 is formulated with Group II base stocks.

Signature® AW Hydraulic 100 is designed for lubricant applications requiring an AGMA R&O gear oil lubricant in the applicable viscosity grade. Signature® AW Hydraulic 100 provides excellent:

- Antiwear protection
- Oxidation and corrosion inhibition
- Foam and aeration suppression

Applications: Signature® AW Hydraulic is recommended for applications where AGMA rust and oxidation inhibited oils are required:

- Hydraulic equipment reduction gears where EP is not required
- Plain and antifriction bearings
- Circulating oil systems

Signature® AW Hydraulic 100 meets the requirements of:

- ANSI/AGMA 9005-EO2, Industrial Gear Lubrication, for gear lubrication as rust and oxidation inhibited gear oils
- ASTM D6158 HM

Signature® AW Hydraulic 100 are registered by NSF and are acceptable as lubricants where there is no possibility of food contact (H2) in and around food processing areas. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program which is based on meeting regulatory requirements of appropriate use, ingredient review and labeling verification.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Do not use in breathing air apparatus or medical equipment.

AGMA Grade	3
API Gravity	30.1
Viscosity, Kinematic cSt at 40°C	95.0
cSt at 100°C	11.0
Viscosity, Saybolt, SUS at 100°F	495
SUS at 210°F	64

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

Signature® AW Hydraulic 100

Product Data Sheet



Viscosity Index	100
Flash Point, °C (°F)	250 (482)
Pour Point, °C (°F)	-15 (+5)
Oxidation Stability Hours to 2.0 mg KOH/g acid number, ASTM D943	>2000
Base Number, ASTM D2896	8.4
Phosphorus, wt %	0.076
Zinc, wt %	0.085

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.