



Petro Syn

PETRON CORPORATION, New Berlin, Wisconsin, USA



Petro Syn Family



P
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What is Petro Syn

- Semi/Synthetic lubricant
- High viscosity “single viscosity” selections
- Four options of viscosities
- Common competitors: Kluber CF3, Fuchs SF10, Fuchs Sugar Glide and Mobil 22M
- Multi-service offering

Petro Syn Product Overview

Viscosity @ 40c:

VI:

Weld Load:

Visual:

Solids:

PS 8800

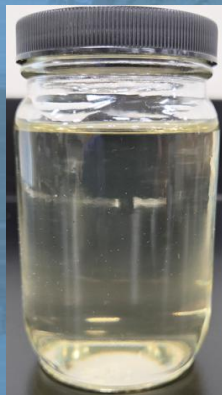
8,750cSt

179

500kg

Clear

NA



PS 15k

14,950cSt

184

500kg

Lite-Amber

NA



PS 20k

19,950cSt

179

500kg

Lite-Amber

NA



Secret

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Gear Set Performance

Input Data

Pinion Teeth	25
Gear Teeth	269
Pinion Speed rpm	20
Face Width	22"
Power HP	750
Tooth Pitch	1.25
Gear Tooth Temperature	145°F
Gear Type	Single Helical
Normal Pressure Angle	20 degrees
Tooth Condition	Minor Pitting

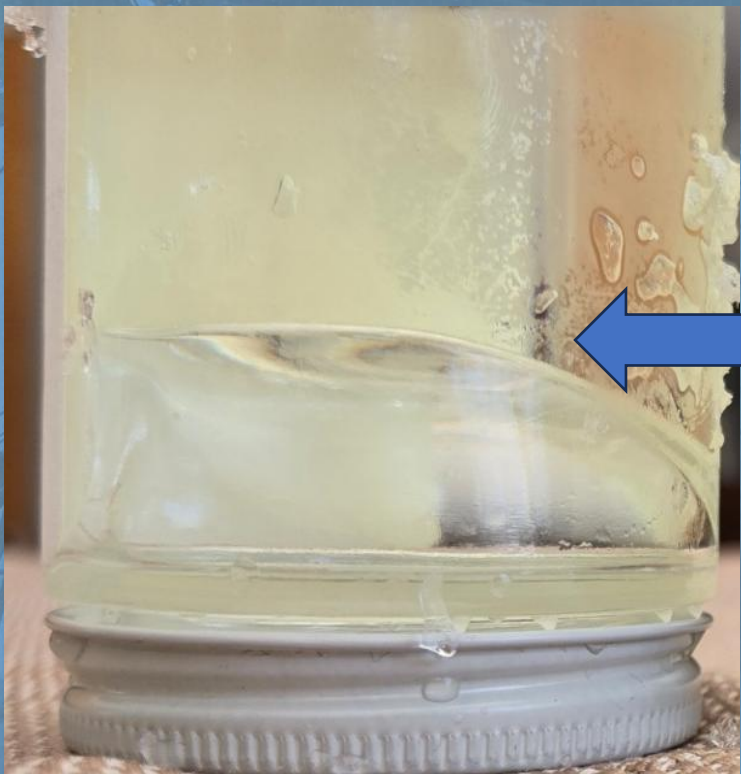
Viscosity @ 40c

Fuchs SF 10	10,000
Kluber CF3	16,500
Mobil 22M	22,000
Castrol Opti 4	16,000

Lubricant Performance



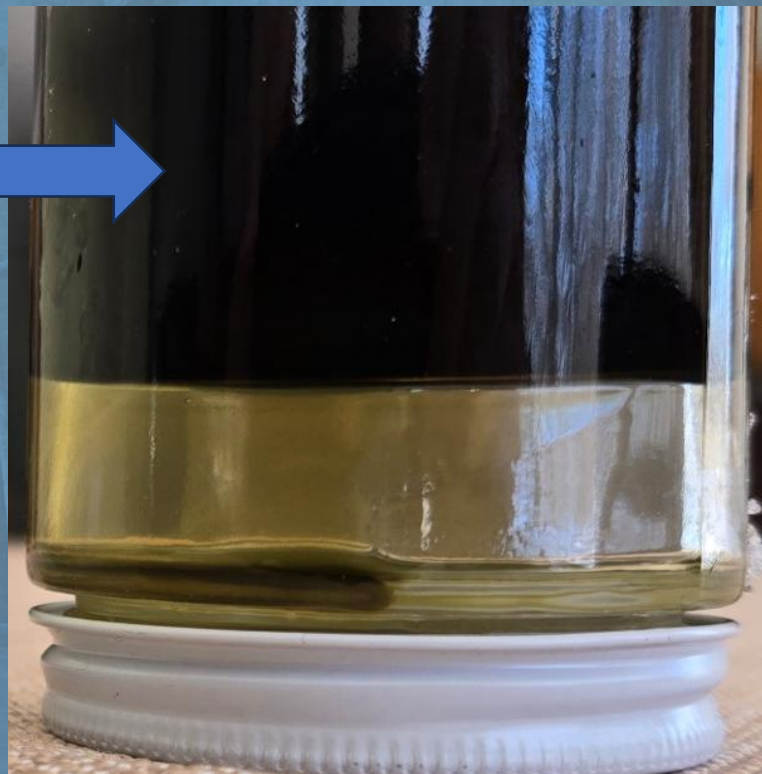
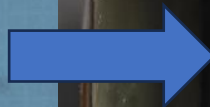
Why VI Matters



Kiln 300

Petro Syn
8800

-30C/-23F



Current Playground

- Journals within the Sugar Cane industry
- Ball mills within the Copper industry
- Open gears within the Sugar Cane industry
- Open gears in sumps for kilns
- Open gears in sumps for dryers



Advantages of Petro Syn

Another clear lubricant option

- Price competitive vs. competition
- Multi-service applications
- Sump and Spray operations



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www.petroncorp.com