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HYDRAULIC SYSTEM OILS

FORMULATIONS

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HYDRAULIC SYSTEM OIL (ISO 46)



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(ISO 46)

LUBRICATING OILS AND GREASES

HYDRAULIC (ISO 46) SYSTEM OIL

PRODUCTIONS

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HYDRAULIC SYSTEM OIL ISO 46 PRODUCTION PROCESS – 1

NO	INGREDIENTS	₩/₩
1	HYDRAULIC OIL ADDITIVE PACKAGE	0.70
2	POUR POINT DEPRESSANT (PPD)	0.20
3	ANTIFOAM AGENT	0.10
4	BASE OIL (SN 500)	30
5	BASE OIL (SN 150)	40
6	BASE OIL (SN 100)	29
	TOTAL	100

PROCESS: Add base oils in the process tank. Start to mix at constant 60 – 70 revolutions per minute (rpm) and heat until 60 – 80 C. Add pour point depressant and antifoam agent during constant mixing and temperature then mix well. Add hydraulic oil additive package then mix.Continue stirring for about 1 – 2 hours. Then,take three samples from above, middle and bottom and check values. Homogenous and values is enough, process is completed.

NOTE: In the above manufacturing process, viscosity can be adjusted with **base oils** amounts.

NOTE: Rpm and temperature in this production is important. It must remain constant throughout the production.

NOTE: Standards of hydraulic system oils is adjustable according to some countries.

HYDRAULIC SYSTEM OIL ISO 46 PRODUCTION PROCESS – 2

NO	INGREDIENTS	Ŵ/Ŵ
1	HYDRAULIC OIL ADDITIVE PACKAGE	1
2	POUR POINT DEPRESSANT (PPD)	0.30
3	ANTIFOAM AGENT	0.20
4	BASE OIL (SN 500)	22
5	BASE OIL (SN 150)	76.50
	TOTAL	100

PROCESS: Add base oils in the process tank. Start to mix at constant 60 – 70 revolutions per minute (rpm) and heat until 60 – 80 C. Add pour point depressant and antifoam agent during constant mixing and temperature then mix well. Add hydraulic oil additive package then mix. Continue stirring for about 1 – 2 hours. Then, take three samples from above, middle and bottom and check values. Homogenous and values is enough, process is completed.

NOTE: In the above manufacturing process, viscosity can be adjusted with **base oils** amounts.

NOTE: Rpm and temperature in this production is important. It must remain constant throughout the production.

NOTE: Standards of hydraulic system oils is adjustable according to some countries.

HYDRAULIC SYSTEM OIL ISO 46 PRODUCTION PROCESS – 3

NO	INGREDIENTS	Ŵ/Ŵ
1	HYDRAULIC OIL ADDITIVE PACKAGE	1
2	POUR POINT DEPRESSANT (PPD)	0.30
3	ANTIFOAM AGENT	0.20
4	BASE OIL (SN 500)	20
5	BASE OIL (SN 150)	65
6	BASE OIL (SN 100)	13.5
	TOTAL	100

PROCESS: Add base oils in the process tank. Start to mix at constant 60 – 70 revolutions per minute (rpm) and heat until 60 – 80 C. Add pour point depressant and antifoam agent during constant mixing and temperature then mix well. Add hydraulic oil additive package then mix. Continue stirring for about 1 – 2 hours. Then, take three samples from above, middle and bottom and check values. Homogenous and values is enough, process is completed.

NOTE: In the above manufacturing process, viscosity can be adjusted with **base oils** amounts.

NOTE: Rpm and temperature in this production is important. It must remain constant throughout the production.

NOTE: Standards of hydraulic system oils is adjustable according to some countries.